

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Atty. Docket

WILHELMUS HENDRIKUS ALFONSUS BRULS ET AL PHN 17,546

Serial No.

Group Art Unit

Filed: CONCURRENTLY

Ex.

EMBEDDING AUXILIARY DATA IN AN INFORMATION SIGNAL  
Honorable Commissioner of Patents and Trademarks  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97

Sir:

Enclosed is a Form PTO-1449 and copies of documents listed thereon. These documents are considered to be relevant in that they have been:

- ☐ considered in drafting the specification of the above-referenced application;
  - ☒ cited in the specification of the above-referenced application; or
  - ☐ cited as an "X" or "Y" document in a foreign Patent Office search report on a foreign counterpart application a copy of which report is also enclosed.
- ☐ I hereby certify that these documents were cited in said search report not more than three (3) months ago.

- ☐ Please charge any fee under 1.17(p) for this Information Disclosure Statement to be considered, not exceeding \$240.00, to Account No. 14-1270.

If readily available, English-language counterparts have been substituted for foreign-language patent documents. This disclosure is not an admission that any of these documents is material to or even prior art with respect to the above-referenced application.

Respectfully submitted,

By Russell Gross  
Russell Gross, Reg. 40,007  
Attorney  
(914) 333-9631

MW11GRE0.SW0

#4 S. HOOVER  
3/15/01



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Atty. Docket

WILHELMUS HENDRIKUS ALFONSUS BRULS ET AL PHN 17,546

Serial No.

Group Art Unit 2613

Filed: CONCURRENTLY

Ex. N. DIEP

EMBEDDING AUXILIARY DATA IN AN INFORMATION SIGNAL  
Honorable Commissioner of Patents and Trademarks  
Washington, D.C. 20231

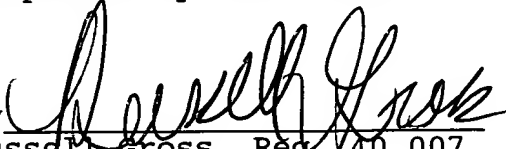
CITATION OF RELATED CASES

Sir:

Attached is a report which was made by the assignee of the above-identified patent application.

The United States patent applications and issued patents identified in this report may be relevant to the examination of the above-identified patent application inasmuch as they have been identified by an automated search of the assignee's patent portfolio files as having common inventors with and/or subject matter which is classified by the assignee in the same technological field as the above-identified patent application. However, citation of this report is neither an admission that any document noted therein is prior art to the above-identified patent application nor a waiver of the confidential status of any listed patent application under 35 U.S.C. 122.

Respectfully submitted,

By   
Russell Gross, Reg. 40,007  
Attorney  
(914) 333-9631

MW11GRC0.SW0



acknowledged  
14 Nov 02  
KD

# Related Cases/Technology Report for PHN 17546

BRULS, WILHELMUS H.  
DENISSEN, ADRIANUS J.

Docket No.: PHN 17546

Patent No.:

OS Codes : DV1000

Title : EMBEDDING AUXILIARY DATA IN AN INFORMATION

Attorney: UNASSIGNED  
Serial No.:

## Common Inventors

DENISSEN, ADRIANUS J.  
ZWAANS, BERNARDUS A.

Docket No.: PHN 13599

Patent No.:

OS Codes : VR0100

Title : ENCODING/DECODING CIRCUIT, AND DIGITAL VIDEO  
COMPRISING THE CIRCUIT.

Attorney: EASON

Serial No.: 07/822792

DENISSEN, ADRIANUS J.  
ZWAANS, BERNARDUS A.

Docket No.: PHN 13599A

Patent No.: 5469448

OS Codes : VR0100

Title : ENCODING/DECODING CIRCUIT, AND DIGITAL VIDEO  
COMPRISING THE CIRCUIT.

Attorney: EASON

Serial No.: 08/193613

DENISSEN, ADRIANUS J.  
ZWAANS, BERNARDUS A.

Docket No.: PHN 13928

Patent No.:

OS Codes : VR0100

Title : DEVICE FOR PROCESSING DIGITAL DATA, AND DIGITAL  
COMPRISING THE DEVICE.

Attorney: GATHMAN

Serial No.: 08/006097

DENISSEN, ADRIANUS J.  
ZWAANS, BERNARDUS A.

Docket No.: PHN 13928A

Patent No.:

OS Codes : VR0100

Title : DEVICE FOR PROCESSING DIGITAL DATA, AND DIGITAL  
COMPRISING THE DEVICE.

Attorney: MARION

Serial No.: 08/380927

DENISSEN, ADRIANUS J.  
ZWAANS, BERNARDUS A.

Docket No.: PHN 13928B

Patent No.: 5659556

OS Codes : VR0100

Title : DEVICE FOR PROCESSING DIGITAL DATA, AND DIGITAL  
COMPRISING THE DEVICE.

Attorney: MARION

Serial No.: 08/445256

BRULS, WILHELMUS H.  
BRONDIJK, ROBERT A.

Docket No.: PHN 14038

Patent No.:

OS Codes : DV1000

Title : PICTURE TRANSFORMER AND TELEVISION SYSTEM WITH A  
AND A RECEIVER COMPRISING A PICTURE TRANSFORMER.

Attorney: GOODMAN

Serial No.: 08/031459

DE WITH, PETER H.  
NIJSSSEN, STEPHANUS J.  
BRONKIJK, ROBERT A.  
BRULS, WILHELMUS H.

Docket No.: PHN 14122  
Patent No.: 5444490  
OS Codes : VR0100 DV1000  
Title : TELEVISION SYSTEM FOR TRANSMITTING PICTURES IN A FORM.

Attorney: MARION  
Serial No.: 08/084834

DE WITH, PETER H.  
NIJSSSEN, STEPHANUS J.  
BRONKIJK, ROBERT A.  
BRULS, WILHELMUS H.

Docket No.: PHN 14122A  
Patent No.: 5970207  
OS Codes : VR0100 DV1000  
Title : TELEVISION SYSTEM FOR TRANSMITTING PICTURES IN A FORM.

Attorney: RUBIN  
Serial No.: 08/431877

RENSINK, ALEXANDER M.  
VAN DER WERF, ALBERT  
BRONDIJK, ROBERT A.  
BRULS, WILHELMUS H.

Docket No.: PHN 14479  
Patent No.:  
OS Codes : DV1000  
Title : HIGH-THROUGHPUT VARIABLE LENGTH DECODER AND COMPRISING SUCH DECODER.

Attorney: WIEGHAUS  
Serial No.: 08/255508

RENSINK, ALEXANDER M.  
VAN DER WERF, ALBERT  
BRONDIJK, ROBERT A.  
BRULS, WILHELMUS H.

Docket No.: PHN 14479A  
Patent No.: 5638069  
OS Codes : DV1000  
Title : HIGH-THROUGHPUT VARIABLE LENGTH DECODER AND COMPRISING SUCH DECODER.

Attorney: WIEGHAUS  
Serial No.: 08/697118

BRULS, WILHELMUS H.

Docket No.: PHN 14515  
Patent No.:  
OS Codes : DV1000 VR0100  
Title : DEVICE FOR TRANSMITTING A DIGITAL PICTURE SIGNAL.

Attorney: GATHMAN  
Serial No.: 08/276004

BRULS, WILHELMUS H.

Docket No.: PHN 14515A  
Patent No.: 5646692  
OS Codes : DV1000 VR0100  
Title : DEVICE FOR TRANSMITTING A DIGITAL PICTURE SIGNAL.

Attorney: GATHMAN  
Serial No.: 08/641706

DENISSEN, ADRIANUS J.  
TOLHUIZEN, LUDOVICUS M.

Docket No.: PHN 14774  
Patent No.: 5671236  
OS Codes : VR0100  
Title : TRANSMITTER AND RECEIVER APPARATUS, METHOD FOR AND METHOD FOR RECEIVING AND RECORD CARRIER

Attorney: WEISS  
Serial No.: 08/401760

DENISSEN, ADRIANUS J.  
BRULS, WILHELMUS, H.  
TOLHUIZEN, LUDOVICUS M.

Docket No.: PHN 14775  
Patent No.: 5644582  
OS Codes : VR0100  
Title : CONVERSION ARRANGEMENT FOR A MAGNETIC APPARATUS OF THE D-TYPE.

Attorney: SCHMITT  
Serial No.: 08/393750

DENISSEN, ADRIANUS J.  
RIJCKAERT, ALBERT M.

Docket No.: PHN 15284  
Patent No.: 5757808  
OS Codes : VR0100 CE4900  
Title : A METHOD AND DEVICE FOR USE WITH HELICAL SCAN  
BY IMPLEMENTING A REED-SOLOMON PRODUCT CODE, A

Attorney: BELK  
Serial No.: 08/576552

DENISSEN, ADRIANUS J.  
TOLHUIZEN, LUDOVICUS M.

Docket No.: PHN 15462  
Patent No.: 5854810  
OS Codes : VR0100  
Title : TRANSMITTER AND RECEIVER APPARATUS, METHOD FOR  
AND METHOD FOR RECEIVING AND RECORD CARRIER

Attorney: GOODMAN  
Serial No.: 08/709404

BRULS, WILHELMUS H.  
CECCARELLI, MARCO P.

Docket No.: PHN 15660  
Patent No.: 5892883  
OS Codes : VR0100 HV6100  
Title : RECORDING OF A DATA REDUCED DIGITAL VIDEO SIGNAL  
TRACKS ON A RECORD CARRIER.

Attorney: GOODMAN  
Serial No.: 08/785460

BRULS, WILHELMUS H.  
KLEIHORST, RICHARD P.  
VAN DER WERF, ALBERT

Docket No.: PHN 15702  
Patent No.:  
OS Codes : DV1000  
Title : METHOD AND ARRANGEMENT FOR ENCODING A VIDEO

Attorney: GATHMAN  
Serial No.: 08/795493

BRULS, WILHELMUS H.  
KLEIHORST, RICHARD P.  
VAN DER WERF, ALBERT

Docket No.: PHN 15702A  
Patent No.:  
OS Codes : DV1000  
Title : METHOD AND ARRANGEMENT FOR ENCODING A VIDEO

Attorney: GATHMAN  
Serial No.: 08/795493

BRULS, WILHELMUS H.

Docket No.: PHN 15765  
Patent No.:  
OS Codes : R01410 DV1000  
Title : ENCODING DEVICE FOR ENCODING A PROGRAM AND

Attorney: BELK  
Serial No.: 08/838105

BRULS, WILHELMUS H.

Docket No.: PHN 15765A  
Patent No.:  
OS Codes : R01410 DV1000  
Title : ENCODING DEVICE FOR ENCODING A PROGRAM AND

Attorney: BELK  
Serial No.: 08/838105

RIJCKAERT, ALBERT M.  
DENISSEN, ADRIANUS J.

Docket No.: PHN 16197  
Patent No.: 6078448  
OS Codes : VR0100  
Title : RECORDING OF SUBCODE SIGNALS IN SLANT TRACKS ON A  
CARRIER.

Attorney: GOODMAN  
Serial No.: 08/995470

BRULS, WILHELMUS H.

Docket No.: PHN 16228  
Patent No.:  
OS Codes : VR0100  
Title : METHOD OF AND ARRANGEMENT FOR RECORDING AND VIDEO IMAGES.

Attorney: GOODMAN  
Serial No.: 09/024629

RIJCKAERT, ALBERT M.  
DENISSEN, ADRIANUS J.  
MOURIK, JAN P.  
NIESSEN, ERIK P.

Docket No.: PHN 16351  
Patent No.:  
OS Codes : VR0100  
Title : A METHOD AND DEVICE FOR KEYFRAME-BASED VIDEO A VIDEO CURSOR FRAME IN A MULTIKEYFRAME SCREEN.

Attorney: GOODMAN  
Serial No.: 09/214372

MONTIE, EDWIN A.  
DENISSEN, ADRIANUS J.  
NIESSEN, ERIK P.  
TOL, RONALD M.

Docket No.: PHN 16363  
Patent No.:  
OS Codes : VR0100  
Title : DEVICE PROVIDED WITH A RECORDING UNIT AND A

Attorney: GOODMAN  
Serial No.: 09/214666

BRULS, WILHELMUS H.

Docket No.: PHN 16588  
Patent No.:  
OS Codes : TV8000 VR0113  
Title : DEVICE FOR RECEIVING, DISPLAYING AND TELEVISION IMAGES VIA A BUFFER.

Attorney: GATHMAN  
Serial No.: 09/179283

BRULS, WILHELMUS H.  
KLEIN GUNNEWIEK, R.

Docket No.: PHN 16834  
Patent No.:  
OS Codes : DV1100 DV0200  
Title : ENCODING BLOCK-ORGANIZED DATA.

Attorney: GROSS  
Serial No.: 09/315081

MONTIE, EDWIN A.  
TOL, RONALD M.  
DENISSEN, ADRIANUS J.

Docket No.: PHN 16877  
Patent No.:  
OS Codes : HV6000  
Title : APPARATUS FOR RECORDING AN INFORMATION SIGNAL.

Attorney: BELK  
Serial No.: 09/202611

KLEIN GUNNEWIEK, REINER  
BRULS, WILHELMUS H.

Docket No.: PHN 16921  
Patent No.:  
OS Codes : DV4000 DV0200  
Title : ENCODING AN INFORMATION STREAM ORGANIZED AS A PICTURES.

Attorney: GROSS  
Serial No.: 09/313600

EERENBERT, ONNO  
RIJCKAERT, ALBERT  
BRULS, WILHELMUS H.

Docket No.: PHN 16959  
Patent No.:  
OS Codes : VR0100  
Title : TRICK PLAY SIGNAL GENERATION FOR A DIGITAL VIDEO

Attorney: GOODMAN  
Serial No.: 09/329394

BRULS, WILHELMUS H.  
DENISSEN, ADRIANUS J.

Docket No.: PHN 17023  
Patent No.:  
OS Codes : DV1000 ST4000  
Title : RECORDING AND EDITING HDTV SIGNALS.

Attorney: GROSS  
Serial No.: 09/352096

HAITSMA, JAAP A.  
KALKER, ANTONIUS A.  
DENISSEN, ADRIANUS J.

Docket No.: PHN 17315  
Patent No.:  
OS Codes : DV3000  
Title : WATERMARK DETECTION.

Attorney: THORNE  
Serial No.: 09/423277

BRULS, WILHELMUS H.  
MORRIS, OCTAVIUS J.  
DE HAAN, WIEBE

Docket No.: PHN 17380  
Patent No.:  
OS Codes : RO1410 RO2410  
Title : METHOD OF AND DEVICE FOR ENCODING AN INFORMATION

Attorney: BELK  
Serial No.: 09/534219

### **Related Technology**

AKIWUMI-ASSANI, SAMUEL

Docket No.: PHA 21499  
Patent No.: 5008848  
OS Codes : DV1000  
Title : CIRCUIT FOR PERFORMING S-TRANSFORM.

Attorney: BARSCHALL  
Serial No.: \_\_\_/358982

AZADEGAN, FARAMARZ  
FISCH, EBERHARD H.

Docket No.: PHA 21500  
Patent No.: 5128758  
OS Codes : DV1000  
Title : METHOD AND APPARATUS FOR DIGITALLY PROCESSING A  
DEFINITION TELEVISION AUGMENTATION SIGNAL.

Attorney: MARION  
Serial No.: 07/361523

AZADEGAN, FARAMARZ  
FISCH, EBERHARD H.

Docket No.: PHA 21500A  
Patent No.: 5179442  
OS Codes : DV1000  
Title : METHOD AND APPARATUS FOR DIGITALLY PROCESSING A  
DEFINITION TELEVISION AUGMENTATION SIGNAL.

Attorney: MARION  
Serial No.: 07/618343

CAVALLERNO, ALAN P.  
FISCH, EBERHARD  
TSINBERG, MIKHAIL

Docket No.: PHA 21636  
Patent No.: 5214501  
OS Codes : DV1000  
Title : METHOD AND APPARATUS FOR THE TRANSMISSION AND  
MULTICARRIER HIGH DEFINITION TELEVISION SIGNAL.

Attorney: MARION  
Serial No.: 07/614885

BASILE, CARLO  
CUGNINI, ALDO G.  
CAVALLERANO, ALAN P.  
HO, YO-SUNG

Docket No.: PHA 21655  
Patent No.: 5134464  
OS Codes : DV1000  
Title : METHOD AND APPARATUS FOR THE TRANSMISSION AND  
A MULTICARRIER DIGITAL TELEVISION SIGNAL.

Attorney: MARION  
Serial No.: 07/647383

BASILE, CARLO  
CUGNINI, ALDO G.  
CAVALLERANO, ALAN P.  
HO, YO-SUNG

Docket No.: PHA 21655A  
Patent No.: 5282019  
OS Codes : DV1000  
Title : METHOD AND APPARATUS FOR THE TRANSMISSION AND  
A MULTICARRIER DIGITAL TELEVISION SIGNAL.

Attorney: MARION  
Serial No.: 07/875491

CHALLAPALI, KIRAN, S.  
AZADEGAN, FARAMARZ

Docket No.: PHA 21685  
Patent No.: 5243428  
OS Codes : DV1000  
Title : METHOD AND APPARATUS FOR CONCEALING ERRORS IN A  
TELEVISION.

Attorney: MARION  
Serial No.: 07/774006

HULYALKAR, SAMIR N.  
BRYAN, DAVID A.  
BASILE, CARLO

Docket No.: PHA 21720  
Patent No.: 5291289  
OS Codes : DV1000  
Title : METHOD AND APPARATUS FOR TRANSMISSION AND  
DIGITAL TELEVISION SIGNAL USING MULTICARRIER...

Attorney: MARION  
Serial No.: 07/854177

HULYALKAR, SAMIR N.  
BRYAN, DAVID A.  
BASILE, CARLO

Docket No.: PHA 21720A  
Patent No.:  
OS Codes : DV1000  
Title : METHOD AND APPARATUS FOR TRANSMISSION AND  
DIGITAL TELEVISION SIGNAL USING MULTICARRIER...

Attorney: MARION  
Serial No.: 08/181643

JOHNSON, BRIAN  
EPSTEIN, MICHAEL A.

Docket No.: PHA 21748  
Patent No.: 5398315  
OS Codes : DV1000  
Title : MULTI-PROCESSOR VIDEO DISPLAY APPARATUS.

Attorney: EASON  
Serial No.: 07/998358

WENDORF, JAMES W.

Docket No.: PHA 21785  
Patent No.: 5333135  
OS Codes : DV1000  
Title : IDENTIFICATION OF A DATA STREAM TRANSMITTED AS A  
PACKETS.

Attorney: TREACY  
Serial No.: 08/011936

WENDORF, JAMES W.  
HOCEK, ADAM S.  
SINGH, KENNETH S.

Docket No.: PHA 21827  
Patent No.: 5469431  
OS Codes : DV1000  
Title : METHOD OF AND APPARATUS FOR CHANNEL MAPPING WITH  
SERVICE IDENTIFICATION.

Attorney: TREACY  
Serial No.: 08/089961

CHALLAPALI, KIRAN S.  
MAO, WEIDONG

Docket No.: PHA 21858  
Patent No.:  
OS Codes : DV1000  
Title : METHOD AND APPARATUS FOR TRANSCODING A DIGITALLY  
HIGH DEFINITION TELEVISION BITSTREAM TO A

Attorney: GROSS  
Serial No.: 08/167394



CHALLAPALI, KIRAN S.  
MAO, WEIDONG

Docket No.: PHA 21858A  
Patent No.:  
OS Codes : DV1000  
Title : METHOD AND APPARATUS FOR TRANSCODING A DIGITALLY  
HIGH DEFINITION TELEVISION BITSTREAM TO A

Attorney: GROSS  
Serial No.: 08/167394

HULYALKAR, SAMIR N.

Docket No.: PHA 21860  
Patent No.:  
OS Codes : DV1000  
Title : METHOD AND APPARATUS FOR REDUCING PRECODING LOSS  
POST-COMB FILTERING APPROACH TO REDUCE

Attorney: MARION  
Serial No.: 08/170471

HULYALKAR, SAMIR N.

Docket No.: PHA 21860A  
Patent No.: 5619534  
OS Codes : DV1000  
Title : METHOD AND APPARATUS FOR REDUCING PRECODING LOSS  
POST-COMB FILTERING APPROACH TO REDUCE

Attorney: MARION  
Serial No.: 08/420891

HUIZER, CORNELIS M.

Docket No.: PHA 21870  
Patent No.: 5612981  
OS Codes : 1202XD DV1000  
Title : APPARATUS AND METHOD FOR IMPROVING TIMING  
SYSTEM CLOCK.

Attorney: WEISS  
Serial No.: 08/196918

BALAKRISHNAN, MAHESH

Docket No.: PHA 21876  
Patent No.: 5566208  
OS Codes : DV1000  
Title : AN ENCODER BUFFER HAVING AN EFFECTIVE SIZE WHICH  
AUTOMATICALLY WITH THE CHANNEL BIT-RATE.

Attorney: MARION  
Serial No.: 08/214910

HULYALKAR, SAMIR N.

Docket No.: PHA 21878  
Patent No.: 5512957  
OS Codes : DV1000  
Title : METHOD AND APPARATUS FOR COMBATING CO-CHANNEL  
INTERFERENCE FOR DIGITAL TV TRANSMISSION.

Attorney: MARION  
Serial No.: 08/230360

AKIWUMI-ASSANI, OLU  
BASILE, CARLO  
CAVALLERANO, ALAN  
CHALLAPALI, KIRAN

Docket No.: PHA 21902  
Patent No.: 5532744  
OS Codes : DV1000  
Title : METHOD AND APPARATUS FOR DECODING DIGITAL VIDEO  
PARALLEL PROCESSING.

Attorney: MARION  
Serial No.: 08/294124

BAKHMUTSKY, MICHAEL

Docket No.: PHA 23053  
Patent No.: 5666116  
OS Codes : DV1000  
Title : A HIGH-SPEED VARIABLE LENGTH DECODER ARRANGEMENT.

Attorney: GOODMAN  
Serial No.: 08/565773

BAKHMUTSKY, MICHAEL

Docket No.: PHA 23054  
Patent No.: 5663726  
OS Codes : DV1000  
Title : A HIGH-SPEED VARIABLE LENGTH DECODER ARRANGEMENT  
MEMORY REQUIREMENTS FOR TAG STREAM BUFFERING.

Attorney: GOODMAN  
Serial No.: 08/565771

BAKHMUTSKY, MICHAEL  
GORNSTEIN, VIKTOR  
PEIN, HOWARD

Docket No.: PHA 23077  
Patent No.: 5657016  
OS Codes : DV1000  
Title : ONE-HOT VARIABLE LENGTH DECODER.

Attorney: GATHMAN  
Serial No.: 08/583149

GORNSTEIN, VIKTOR  
BAKHMUTSKY, MICHAEL

Docket No.: PHA 23077V  
Patent No.: 5798717  
OS Codes : DV1000  
Title : ONE-HOT OVERFLOW MATRIX WITH ENHANCED  
HOT VARIABLE LENGTH DECODER INCORPORATING THE

Attorney: GATHMAN  
Serial No.: 08/671891

BAKHMUTSY, MICHAEL

Docket No.: PHA 23078  
Patent No.: 5668548  
OS Codes : DV1000  
Title : HIGH PERFORMANCE VARIABLE LENGTH DECODER WITH  
THROUGHPUT DUE TO TAGGING OF THE INPUT BIT STREAM

Attorney: GATHMAN  
Serial No.: 08/580405

BAKHMUTSKY, MICHAEL

Docket No.: PHA 23079  
Patent No.: 5686916  
OS Codes : DV1000  
Title : MULTI-CODE-BOOK VARIABLE LENGTH DECODER. ,

Attorney: GATHMAN  
Serial No.: 08/580404

BAKHMUTSKY, MICHAEL

Docket No.: PHA 23080  
Patent No.: 5757295  
OS Codes : DV1000  
Title : VARIABLE LENGTH DECODER WITH ENHANCED THROUGHPUT  
PARALLEL PROCESSING OF CONTIGUOUS CODE WORDS OF

Attorney: GATHMAN  
Serial No.: 08/580406

BAKHMUTSKY, MICHAEL

Docket No.: PHA 23081  
Patent No.: 5650905  
OS Codes : DV1000  
Title : VARIABLE LENGTH DECODER WITH ADAPTIVE  
PROCESSING OF HUFFMAN ENCODED BIT STREAMS.

Attorney: GATHMAN  
Serial No.: 08/580407

O'GRADY, WILLIAM J.

Docket No.: PHA 23086  
Patent No.: 5734443  
OS Codes : DV1000  
Title : METHOD AND DEVICE FOR PERFORMING SOURCE  
VIDEO SYSTEM WHICH PERFORMS ENTROPY ENCODING.

Attorney: GATHMAN  
Serial No.: 08/583147

BAKHMUTSKY, MICHAEL

Docket No.: PHA 23135  
Patent No.:  
OS Codes : DV1000  
Title : HIGH PERFORMANCE VARIABLE LENGTH DECODER WITH  
STREAM SEGMENTATION AND RELATED METHOD

Attorney: GATHMAN  
Serial No.: 08/672246

BAKHMUTSKY, MICHAEL

Docket No.: PHA 23135A  
Patent No.: 5835035  
OS Codes : DV1000  
Title : HIGH PERFORMANCE VARIABLE LENGTH DECODER WITH  
STREAM SEGMENTATION AND RELATED METHOD

Attorney: GATHMAN  
Serial No.: 08/926669

PRASAD, SANAND  
AKIWUMI-ASSANI, OLU  
LIN, CHIN-SUNG

Docket No.: PHA 23138  
Patent No.:  
OS Codes : DV1000  
Title : PACKET FRAMING METHOD AND APPARATUS.

Attorney: GROSS  
Serial No.: 08/679031

PRASAD, SANAND  
AKIWUMI-ASSANI, OLU  
LIN, CHIN-SUNG

Docket No.: PHA 23138A  
Patent No.:  
OS Codes : DV1000  
Title : PACKET FRAMING METHOD AND APPARATUS.

Attorney: GROSS  
Serial No.: 08/679031

PRASAD, SANAND  
AKIWUMI-ASSANI, OLU  
LIN, CHIN-SUNG

Docket No.: PHA 23138B  
Patent No.:  
OS Codes : DV1000  
Title : PACKET FRAMING METHOD AND APPARATUS.

Attorney: GROSS  
Serial No.: 08/679031

BALAKRISHNAN, MAHESH

Docket No.: PHA 23158  
Patent No.: 5793425  
OS Codes : DV1000  
Title : METHOD AND APPARATUS FOR DYNAMICALLY CONTROLLING  
PARAMETERS OF MULTIPLE ENCODERS IN A MULTIPLEXED

Attorney: GATHMAN  
Serial No.: 08/713311

LIN, CHIN-SUNG  
PRASAD, SANAND

Docket No.: PHA 23163  
Patent No.:  
OS Codes : DV1000  
Title : FAST SYNC-BYTE SEARCH SCHEME FOR PACKET FRAMING.

Attorney: GATHMAN  
Serial No.: 08/738988

LIN, CHIN-SUNG  
PRASAD, SANAND

Docket No.: PHA 23163A  
Patent No.:  
OS Codes : DV1000  
Title : FAST SYNC-BYTE SEARCH SCHEME FOR PACKET FRAMING.

Attorney: GATHMAN  
Serial No.: 08/738988

LIN, CHIN-SUNG  
PRASAD, SANAND

Docket No.: PHA 23163B  
Patent No.:  
OS Codes : DV1000  
Title : FAST SYNC-BYTE SEARCH SCHEME FOR PACKET FRAMING.

Attorney: GATHMAN  
Serial No.: 08/738988

BAKHMUTSKY, MICHAEL

Docket No.: PHA 23180  
Patent No.: 5808570  
OS Codes : DV1000  
Title : DEVICE AND METHOD FOR PAIR-MATCH HUFFMAN  
HIGH-PERFORMANCE VARIABLE LENGTH DECODER WITH

Attorney: GATHMAN  
Serial No.: 08/749039

CUCCIA, DAVID W.

Docket No.: PHA 23201  
Patent No.: 5818934  
OS Codes : DV1000 TVA000  
Title : METHOD AND APPARATUS FOR PROVIDING A  
SECURE INTERFACE BETWEEN THE DECRYPTION ENGINE...

Attorney: GATHMAN  
Serial No.: 08/768489

WITTIG, KARL R.

Docket No.: PHA 23204  
Patent No.:  
OS Codes : DV1000  
Title : DUAL-SPEED VARIABLE LENGTH DECODER AND DECODING  
FOR MPEG-2 VIDEO DATA.

Attorney: GATHMAN  
Serial No.: 08/772078

WITTIG, KARL R.

Docket No.: PHA 23204A  
Patent No.:  
OS Codes : DV1000  
Title : DUAL-SPEED VARIABLE LENGTH DECODER AND DECODING  
FOR MPEG-2 VIDEO DATA.

Attorney: GATHMAN  
Serial No.: 08/772078

WITTIG, KARL R.

Docket No.: PHA 23204B  
Patent No.: 6011498  
OS Codes : DV1000  
Title : DUAL-SPEED VARIABLE LENGTH DECODER AND DECODING  
FOR MPEG-2 VIDEO DATA.

Attorney: GATHMAN  
Serial No.: 08/772078

CUCCIA, DAVID W.

Docket No.: PHA 23207  
Patent No.:  
OS Codes : DV1000  
Title : FAST EXTRACTION OF PROGRAM SPECIFIC INFORMATION  
MULTIPLE TRANSPORT STREAMS.

Attorney: SLOBOD  
Serial No.: 08/773156

BALAKRISHNAN, MAHESH  
PRERANA, VAIDYA

Docket No.: PHA 23215  
Patent No.:  
OS Codes : DV1000 TV8000  
Title : METHOD AND SYSTEM FOR IMPLEMENTING INTERACTIVE  
PROGRAMS AND COMMERCIALS.

Attorney: GROSS  
Serial No.: 08/774767

BALAKRISHNAN, MAHESH  
PRERANA, VAIDYA

Docket No.: PHA 23215A  
Patent No.:  
OS Codes : DV1000 TV8000  
Title : METHOD AND SYSTEM FOR IMPLEMENTING INTERACTIVE  
PROGRAMS AND COMMERCIALS.

Attorney: GROSS  
Serial No.: 08/774767

BALAKRISHNAN, MAHESH  
PRERANA, VAIDYA

Docket No.: PHA 23215B  
Patent No.:  
OS Codes : DV1000 TV8000  
Title : METHOD AND SYSTEM FOR IMPLEMENTING INTERACTIVE  
PROGRAMS AND COMMERCIALS.

Attorney: GROSS  
Serial No.: 08/774767

RADHA, HAYDER  
BALAKRISHNAN, MAHESH  
PARTHASARATHY, KAVITHA

Docket No.: PHA 23223  
Patent No.:  
OS Codes : DV1000  
Title : SEAMLESS SPLICING OF MPEG-2 MULTIMEDIA DATA

Attorney: GROSS  
Serial No.: 09/033730

BAKHMUTSKY, MICHAEL

Docket No.: PHA 23226  
Patent No.: 5963260  
OS Codes : DV1000  
Title : MACROBLOCK-LEVEL PARTITIONED HDTV VIDEO DECODER  
METHOD.

Attorney: GATHMAN  
Serial No.: 08/819894

BALAKRISHNAN, MAHESH  
CARON, CEDRIK

Docket No.: PHA 23230  
Patent No.: 5982436  
OS Codes : DV1000  
Title : METHOD FOR SEAMLESS SPLICING IN A VIDEO ENCODER.

Attorney: GROSS  
Serial No.: 08/829124

BALAKRISHNAN, MAHESH  
CARON, CEDRIK

Docket No.: PHA 23230A  
Patent No.:  
OS Codes : DV1000  
Title : METHOD FOR SEAMLESS SPLICING IN A VIDEO ENCODER.

Attorney: GROSS  
Serial No.: 09/369537

BAKHMUTSKY, MICHAEL

Docket No.: PHA 23276  
Patent No.: 5973627  
OS Codes : DV1000  
Title : VARIABLE LENGTH DECODER WITH ADAPTIVE  
BY SUB-GROUPING AND CROSS-GROUPING THEY SYMBOLS

Attorney: GATHMAN  
Serial No.: 08/919972

CUCCIA, DAVID W.

Docket No.: PHA 23280  
Patent No.:  
OS Codes : DV1000 TV4900  
Title : INSTANT REPLAY OF DIGITAL VIDEO OPTIMIZED USING  
FRAME TAGS.

Attorney: GROSS  
Serial No.: 08/927830

BAKHMUTSKY, MICHAEL

Docket No.: PHA 23289  
Patent No.: 5990812  
OS Codes : DV1000  
Title : UNIVERSALLY PROGRAMMABLE VARIABLE LENGTH DECODER.

Attorney: GATHMAN  
Serial No.: 08/958091

BAKKMUTSKY, MICHAEL

Docket No.: PHA 23290  
Patent No.:  
OS Codes : DV1000  
Title : CONTROLLER FOR A VARIABLE LENGTH DECODER.

Attorney: GATHMAN  
Serial No.: 08/957820

BAKKMUTSKY, MICHAEL

Docket No.: PHA 23290A  
Patent No.:  
OS Codes : DV1000  
Title : CONTROLLER FOR A VARIABLE LENGTH DECODER.

Attorney: GATHMAN  
Serial No.: 08/957820

RADHA, HAYDER

Docket No.: PHA 23310  
Patent No.:  
OS Codes : DV1000  
Title : VIDEO BUFFER FOR SEAMLESS SPLICING OF MPEG

Attorney: GROSS  
Serial No.: 08/977989

RADHA, HAYDER  
BALAKRISHNAN, MAHESH

Docket No.: PHA 23316  
Patent No.: 6049569  
OS Codes : DV1000 ST0900  
Title : METHOD AND APPARATUS FOR ENCODING DIGITAL VIDEO WITH SEAMLESS SPLICE POINTS AND METHOD AND

Attorney: GROSS  
Serial No.: 08/987701

CHALLAPALI, KIRAN  
CHEN, YINGWEI

Docket No.: PHA 23325  
Patent No.: 6084982  
OS Codes : ST1100 DV1000  
Title : METHOD OF CHROMA-KEYING FOR A DIGITAL VIDEO SYSTEM.

Attorney: THORNE  
Serial No.: 08/992291

SINGH, KENNETH S.

Docket No.: PHA 23336  
Patent No.:  
OS Codes : DV1000 TV4900  
Title : METHOD FOR REDUCING THE STORAGE AND NUMBER OF REQUIRED FOR INVERSE QUANTIZATION AND INVERSE

Attorney: GROSS  
Serial No.: 08/996670

CHEN, YINGWEI  
CHALLAPALI, KIRAN  
BALAKRISHNAN, MAHESH

Docket No.: PHA 23363  
Patent No.:  
OS Codes : DV1000 ST5000  
Title : SYSTEM FOR EXTRACTING CODING PARAMETERS FROM

Attorney: GROSS  
Serial No.: 09/016038

RADHA, HAYDER  
CHEN, YINGWEI  
COHEN, ROBERT

Docket No.: PHA 23452  
Patent No.:  
OS Codes : DV1000  
Title : SCALABLE VIDEO CODING SYSTEM.

Attorney: GROSS  
Serial No.: 09/110616

RACKETT, ALBERT E.

Docket No.: PHA 23519  
Patent No.:  
OS Codes : DV1000  
Title : SYSTEMS AND METHODS FOR POST-PROCESSING

Attorney: GROSS  
Serial No.: 09/204178

RACKETT, ALBERT E.

Docket No.: PHA 23520  
Patent No.:  
OS Codes : DV1000  
Title : SYSTGEMS AND METHODS FOR COMPRESSING AND IMAGES.

Attorney: GROSS  
Serial No.: 09/207835

CHALLAPALI, KIRAN S.  
CHEN, RICHARD Y.

Docket No.: PHA 23540  
Patent No.:  
OS Codes : BN9000 DV1000  
Title : EXTRACTION OF FOREGROUND INFORMATION FOR VIDEO

Attorney: PIOTROWSKI, D  
Serial No.: 09/196574

BAKHMUTSKY, MICHAEL  
WITTIG, KARL

Docket No.: PHA 23661  
Patent No.:  
OS Codes : DV1000  
Title : METHOD OF CONCURRENT MULTIPLE-MODE MOTION DIGITAL VIDEO.

Attorney: GROSS  
Serial No.: 09/303316

VAN DER SCHAAR, MIHAELA  
CHEN, YINGWEI  
RADHA, HAYDER

Docket No.: PHA 23725  
Patent No.:  
OS Codes : HN0000 DV1000  
Title : SYSTEM AND METHOD FOR IMPROVED FINE GRANULAR USING BASE LAYER CODING INFORMATION.

Attorney: PIOTROWSKI, D  
Serial No.: 09/347881

CHEN, YINGWEI  
VAN DER SCHAAR, MIHAELA  
RADHA, HAYDER

Docket No.: PHA 23726  
Patent No.:  
OS Codes : DV1000  
Title : SYSTEM AND METHOD FOR FINE GRANULAR SCALABLE SELECTIVE QUALITY ENHANCEMENT.

Attorney: GROSS  
Serial No.: 09/347882

YAN, YONG

Docket No.: PHA 23759  
Patent No.:  
OS Codes : TV4300 DV1000  
Title : SYSTEM AND METHOD FOR BIOMETRICS-BASED FACIAL EXTRACTION.

Attorney: PIOTROWSKI, T  
Serial No.: 09/385280

CHEN, YINGWEI  
VAN DER SCHAAR, MIHAELA  
RADHA, HAYDER

Docket No.: PHA 23804  
Patent No.:  
OS Codes : DV1000  
Title : SYSTEM AND METHOD FOR ENCODING AND DECODING THE SIGNAL FOR FINE GRANULAR SCALABLE VIDEO.

Attorney: GROSS  
Serial No.: 09/419672

YAN, YONG  
CHALLAPALI, KIRAN

Docket No.: PHA 23813  
Patent No.:  
OS Codes : BN9000 DV1000  
Title : SYSTEM AND METHOD FOR THREE-DIMENSIONAL MODELING.

Attorney: PIOTROWSKI, T  
Serial No.: 09/422735

CHEN, YINGWEI  
VAN DER SCHAAR, MIHAELA  
RADHA, HAYDER

Docket No.: PHA 23913  
Patent No.:  
OS Codes : DV1000  
Title : FINE GRANULAR SCALABLE VIDEO WITH EMBEDDED DCT  
ENHANCEMENT LAYER.

Attorney: GROSS  
Serial No.: 09/467589

RICHARDS, NORMAN D.

Docket No.: PHB 33255  
Patent No.: 4868764  
OS Codes : DV1000 RO0410  
Title : IMAGE ENCODING AND DECODING METHOD AND APPARATUS.

Attorney: SLOBOD  
Serial No.: \_\_\_/035104

RICHARDS, NORMAN D.

Docket No.: PHB 33255R  
Patent No.:  
OS Codes : DV1000 RO0410  
Title : IMAGE ENCODING AND DECODING METHOD AND APPARATUS.

Attorney: MARION  
Serial No.: 07/758878

RICHARDS, NORMAN D.

Docket No.: PHB 33335  
Patent No.: 4858026  
OS Codes : DV1000 RO0410  
Title : IMAGE DISPLAY.

Attorney: SLOBOD  
Serial No.: \_\_\_/135876

RICHARDS, NORMAN D.

Docket No.: PHB 33336  
Patent No.: 4857992  
OS Codes : RO0410 DV1000  
Title : IMAGE DISPLAY APPARATUS AND METHOD.

Attorney: SLOBOD  
Serial No.: \_\_\_/146446

FERNANDO, GERARD M.  
GIARDINA, ALDO

Docket No.: PHB 33484  
Patent No.: 5008744  
OS Codes : DV1000  
Title : METHOD AND APPARATUS FOR PICTURE MOTION  
PICTURE CORRELATION AS A FUNCTION OF

Attorney: MARION  
Serial No.: \_\_\_/388421

FERNANDO, GERARD M.

Docket No.: PHB 33485  
Patent No.: 4985765  
OS Codes : DV1000  
Title : METHOD AND APPARATUS FOR PICTURE MOTION  
TWO PICTURES ARE CORRELATED AS A FUNCTION OF

Attorney: MARION  
Serial No.: \_\_\_/388422

FERNANDO, GERARD M.

Docket No.: PHB 33486  
Patent No.: 4974084  
OS Codes : DV1000 TV4400  
Title : METHOD AND APPARATUS FOR PICTURE MOTION

Attorney: MARION  
Serial No.: \_\_\_/397055

RICHARDS, NORMAN D.

Docket No.: PHB 33519  
Patent No.:  
OS Codes : RO1411 DV1000  
Title : METHODS OF AND APPARATUSES FOR ENCODING, DECODING  
PROCESSING PIXEL VALUES AND METHODS OF AND

Attorney: MARION  
Serial No.: 07/450332



RICHARDS, NORMAN D.

Docket No.: PHB 33519A      Attorney: MARION  
Patent No.: 5438635      Serial No.: 07/715033  
OS Codes : R01411      DV1000  
Title : METHOD AND APPARATUS FOR ENCODING AND STORING  
AND FOR DECODING AND REPRODUCING A DIGITISED

RICHARDS, NORMAN D.

Docket No.: PHB 33520      Attorney: EASON  
Patent No.:      Serial No.: \_\_\_/450339  
OS Codes : DV1000  
Title : METHOD OF OPERATING A DISPLAY APPARATUS, A  
AND A METHOD OF STORING AN IMAGE.

RICHARDS, NORMAN D.

Docket No.: PHB 33520A      Attorney: EASON  
Patent No.: 5369418      Serial No.: 07/816909  
OS Codes : DV1000  
Title : METHOD OF OPERATING A DISPLAY APPARATUS, A  
AND A METHOD OF STORING AN IMAGE.

MORRIS, OCTAVIUS J.  
MORAN, DAVID

Docket No.: PHB 33539      Attorney: SLOBOD  
Patent No.: 5025478      Serial No.: \_\_\_/496375  
OS Codes : DV1000  
Title : METHOD AND APPARATUS FOR DETECTING FALSE EDGES IN

RICHARDS, NORMAN D.

Docket No.: PHB 33543      Attorney: EASON  
Patent No.: 5014127      Serial No.: \_\_\_/509682  
OS Codes : DV1000  
Title : METHOD OF GENERATING A SERIES OF DPCM CODE WORDS,  
STORING ICOLOR IMAGE DATA, OPTICAL DISC WHEREON

RICHARDS, NORMAN D.

Docket No.: PHB 33544      Attorney: EASON  
Patent No.:      Serial No.: \_\_\_/509686  
OS Codes : DV1000  
Title : METHOD OF GENERATING AN ARRAY OF DPCM DELTA  
STORING IMAGE DATA, OPTICAL DISC WHEREON IMAGE

TREW, TIMOTHY I.

Docket No.: PHB 33581      Attorney: MARION  
Patent No.: 5166790      Serial No.: \_\_\_/563476  
OS Codes : DV1000  
Title : MAINTAINING VIDEO SIGNALS.

MORAN, DAVID  
MORRIS, OCTAVIUS J.

Docket No.: PHB 33610      Attorney: EASON  
Patent No.:      Serial No.: 07/640324  
OS Codes : DV1000  
Title : EFFICIENT SIGNAL REPRESENTATION IN REGION AND  
CODING.

MORAN, DAVID  
MORRIS, OCTAVIUS J.

Docket No.: PHB 33610A  
Patent No.: 5204920  
OS Codes : DV1000  
Title : EFFICIENT SIGNAL REPRESENTATION IN REGION AND CODING.

Attorney: MARION  
Serial No.: 07/836178

MORAN, DAVID  
MORRIS, OCTAVIUS J.

Docket No.: PHB 33621  
Patent No.:  
OS Codes : DV1000  
Title : REGION AND TEXTURE CODING.

Attorney: EASON  
Serial No.: \_/

MORAN, DAVID  
MORRIS, OCTAVIUS J.

Docket No.: PHB 33626  
Patent No.: 5161205  
OS Codes : DV1000  
Title : PROCESSING PICTURE SIGNALS.

Attorney: EASON  
Serial No.: \_/683351

RICHARDS, NORMAN D.

Docket No.: PHB 33654  
Patent No.: 5270812  
OS Codes : RO0410 DV1000  
Title : IMAGE DISPLAY.

Attorney: EASON  
Serial No.: 07/733927

TREW, TIMOTHY I.  
SEELING, GABRIELE C.

Docket No.: PHB 33664  
Patent No.: 5280530  
OS Codes : DV1000  
Title : TRACKING A MOVING OBJECT.

Attorney: MARION  
Serial No.: 07/755384

TREW, TIMOTHY I.  
SEELING, GABRIELE C.

Docket No.: PHB 33664A  
Patent No.: 5625715  
OS Codes : DV1000  
Title : METHOD AND APPARATUS FOR ENCODING PICTURES OBJECT.

Attorney: MARION  
Serial No.: 08/141146

ANDREW, DEREK  
MORRIS, OCTAVIUS J.

Docket No.: PHB 33742  
Patent No.: 5428403  
OS Codes : TV4400 DV1000  
Title : MOTIN VECTOR ESTIMATION, MOTION PICTURE ENCODING

Attorney: MARION  
Serial No.: 07/954732

THANASSAS, DIMITRIOS

Docket No.: PHB 33802  
Patent No.:  
OS Codes : DV1000  
Title : TRACKING MOVING OBJECTS.

Attorney: TREACY  
Serial No.: 08/091635

THANASSAS, DIMITRIOS

Docket No.: PHB 33802A  
Patent No.:  
OS Codes : DV1000  
Title : TRACKING MOVING OBJECTS.

Attorney: TREACY  
Serial No.: 08/341330

COOMBS, GLEN R.  
ANDREW, DEREK  
MORRIS, OCTAVIUS J.

Docket No.: PHB 33833  
Patent No.: 5565998  
OS Codes : DV1000  
Title : IDENTIFYING FILM FRAMES IN A VIDEO SEQUENCE.

Attorney: GOODMAN  
Serial No.: 08/200135

PONTICOS, CONSTANTINE

Docket No.: PHB 33841  
Patent No.:  
OS Codes : DV1000  
Title : TRACKING OBJECTS IN VIDEO SEQUENCES.

Attorney: GATHMAN  
Serial No.: 08/362422

PONTICOS, CONSTANTINE

Docket No.: PHB 33841A  
Patent No.: 6035067  
OS Codes : DV1000  
Title : TRACKING OBJECTS IN VIDEO SEQUENCES.

Attorney: GATHMAN  
Serial No.: 08/935252

PENNA, DAVID E.  
RICHARDS, NORMAN D.  
WINSER, PAUL A.

Docket No.: PHB 33861  
Patent No.:  
OS Codes : DV0100 DV1000  
Title : IMAGE PROCESSING.

Attorney: MCDERMOTT  
Serial No.: 08/275903

PENNA, DAVID E.  
RICHARDS, NORMAN D.  
WINSER, PAUL A.

Docket No.: PHB 33861A  
Patent No.: 5784064  
OS Codes : DV0100 DV1000  
Title : IMAGE PROCESSING.

Attorney: MCDERMOTT  
Serial No.: 08/795295

PENNA, DAVID E.

Docket No.: PHB 33867  
Patent No.:  
OS Codes : DV0200 DV1000  
Title : METHOD AND APPARATUS FOR RENDERING A TWO  
FROM THREE DIMENSIONAL IMAGE DATA.

Attorney: THORNE  
Serial No.: 08/285838

PENNA, DAVID E.

Docket No.: PHB 33867A  
Patent No.:  
OS Codes : DV0200 DV1000  
Title : METHOD AND APPARATUS FOR RENDERING A TWO  
FROM THREE DIMENSIONAL IMAGE DATA.

Attorney: THORNE  
Serial No.: 08/760123

KEESMAN, GERRIT J.  
HULYALKAR, SAMIR

Docket No.: PHB 33945  
Patent No.: 5606369  
OS Codes : DV1000  
Title : BUFFERING FOR DIGITAL VIDEO SIGNAL ENCODERS USING  
BIT-RATE CONTROL.

Attorney: WIEGHAUS  
Serial No.: 08/366340

KEESMAN, GERRIT J.

Docket No.: PHB 33946  
Patent No.:  
OS Codes : DV1000  
Title : BUFFER MANAGEMENT IN VARIABLE BIT-RATE

Attorney: GATHMAN  
Serial No.: 08/366339

KEESMAN, GERRIT J.

Docket No.: PHB 33946A      Attorney: GATHMAN  
Patent No.:                      Serial No.: 08/901338  
OS Codes : DV1000  
Title : BUFFER MANAGEMENT IN VARIABLE BIT-RATE

KEESMAN, GERRIT J.

Docket No.: PHB 33946B      Attorney: GATHMAN  
Patent No.:                      Serial No.: 08/901338  
OS Codes : DV1000  
Title : BUFFER MANAGEMENT IN VARIABLE BIT-RATE

KEESMAN, GERRIT J.

Docket No.: PHB 33946C      Attorney: GATHMAN  
Patent No.:                      Serial No.: 08/901338  
OS Codes : DV1000  
Title : BUFFER MANAGEMENT IN VARIABLE BIT-RATE

BLANCHARD, SIMON

Docket No.: PHB 33950      Attorney: GATHMAN  
Patent No.:                      Serial No.: 08/565697  
OS Codes : DV1000              RO1240  
Title : VIDEO EDITING BUFFER MANAGEMENT.

BLANCHARD, SIMON

Docket No.: PHB 33950A      Attorney: GATHMAN  
Patent No.:                      Serial No.: 08/565697  
OS Codes : DV1000              RO1240  
Title : VIDEO EDITING BUFFER MANAGEMENT.

BLANCHARD, SIMON

Docket No.: PHB 33950B      Attorney: GATHMAN  
Patent No.: 5949487              Serial No.: 08/565697  
OS Codes : DV1000              RO1240  
Title : VIDEO EDITING BUFFER MANAGEMENT.

BLANCHARD, SIMON

Docket No.: PHB 33951      Attorney: GATHMAN  
Patent No.:                      Serial No.: 08/565698  
OS Codes : DV1000              RO1240  
Title : ENCODER SYSTEM LEVEL BUFFER MANAGEMENT.

BLANCHARD, SIMON

Docket No.: PHB 33951A      Attorney: GATHMAN  
Patent No.: 5913031              Serial No.: 08/565698  
OS Codes : DV1000              RO1240  
Title : ENCODER SYSTEM LEVEL BUFFER MANAGEMENT.

BLANCHARD, SIMON

Docket No.: PHB 33952      Attorney: GATHMAN  
Patent No.: 5793431              Serial No.: 08/563471  
OS Codes : DV1000              RO1240  
Title : AUDIO/VIDEO TIMING DISCREPANCY MANAGEMENT.

PENNA, DAVID E.

Docket No.: PHB 33955  
Patent No.: 5828381  
OS Codes : DV0200 DV1000  
Title : VARIABLE DISPLAY RATE IMAGE CODING.

Attorney: STEPHENS  
Serial No.: 08/556690

PENNA, DAVID E.  
HOSKINS, ASHER J.

Docket No.: PHB 33973  
Patent No.:  
OS Codes : DV1000  
Title : VIDEO IMAGE COLOUR ENCODING.

Attorney: GATHMAN  
Serial No.: 08/593963

PENNA, DAVID E.  
HOSKINS, ASHER J.

Docket No.: PHB 33973A  
Patent No.:  
OS Codes : DV1000  
Title : VIDEO IMAGE COLOUR ENCODING.

Attorney: GATHMAN  
Serial No.: 08/593963

PENNA, DAVID E.  
HOSKINS, ASHER J.

Docket No.: PHB 33973B  
Patent No.:  
OS Codes : DV1000  
Title : VIDEO IMAGE COLOUR ENCODING.

Attorney: GATHMAN  
Serial No.: 08/593963

ANDREW, DEREK  
FAGG, IAN S.

Docket No.: PHB 33975  
Patent No.: 5881205  
OS Codes : DV1000  
Title : VIDEO IMAGE PROCESSING.

Attorney: GATHMAN  
Serial No.: 08/608264

GALLERY, RICHARD D.  
MORRIS, OCTAVIUS J.  
EILLEY, EDWARD S.  
PENNA, DAVID E.

Docket No.: PHB 34015  
Patent No.: 5991443  
OS Codes : DV1000  
Title : GRAPHICS IMAGE MANIPULATION.

Attorney: GATHMAN  
Serial No.: 08/721916

MORRIS, OCTAVIUS J.  
KEESMAN, GERRIT J.

Docket No.: PHB 34016  
Patent No.: 5818536  
OS Codes : DV1000  
Title : MOTION ESTIMATION FOR PREDICTIVE IMAGE CODING.

Attorney: GATHMAN  
Serial No.: 08/721915

WALKER, DAVID P.

Docket No.: PHB 34084  
Patent No.:  
OS Codes : CE4100 DV1000  
Title : IMAGE DATA COMPRESSION FOR INTERACTIVE

Attorney: THORNE  
Serial No.: 08/880038

TREW, TIMOTHY I.  
GALLERY, RICHARD D.

Docket No.: PHB 34118  
Patent No.:  
OS Codes : DV1000  
Title : IMAGE SEGMENTATION.

Attorney: GROSS  
Serial No.: 08/966600

ECONOMIDIS, NIKOLAOS  
PENNA, DAVID E.  
GIBSON, BRIAN

Docket No.: PHB 34241  
Patent No.:  
OS Codes : TV7100 DV1000  
Title : PIXEL COLOR VALUE ENCODING AND DECODING.

Attorney: GOODMAN  
Serial No.: 09/273284

CHRISTIANSEN, JENS H.  
MEYER-EBRECHT, DIETRICH

Docket No.: PHD 81110  
Patent No.: 4463377  
OS Codes : DV1000  
Title : ARRANGEMENT FOR STORING OR TRANSMITTING AND FOR  
PICTURE SIGNALS.

Attorney: SLOBOD  
Serial No.: \_\_/421610

HECK, BERTHOLD

Docket No.: PHD 85333  
Patent No.: 4719451  
OS Codes : DV1000 BN9000  
Title : PREDICITIVE ENCODING.

Attorney: EASON  
Serial No.: \_\_/879655

ROSEBROCK, JENS

Docket No.: PHD 86151  
Patent No.: 4849758  
OS Codes : DV1000  
Title : SYSTEM FOR TRANSMITTING OR STORING INPUT SIGNALS.

Attorney: GOODMAN  
Serial No.: \_\_/108400

SPEIDEL, JOACHIM  
VOGEL, PETER

Docket No.: PHD 86308  
Patent No.: 4825285  
OS Codes : DV1000  
Title : HYBRID ENCODER.

Attorney: GOODMAN  
Serial No.: \_\_/038809

VOGEL, PETER

Docket No.: PHD 86327  
Patent No.: 4901075  
OS Codes : DV1000  
Title : METHOD AND APPARATUS FOR BIT RATE REDUCTION.

Attorney: MARION  
Serial No.: \_\_/096177

LUTZ, GEORG

Docket No.: PHD 86328  
Patent No.: 4837571  
OS Codes : BN9000 DV1000  
Title : CIRCUIT ARRANGEMENT FOR CONVERTING A DATA SIGNAL.

Attorney: BARSCHALL  
Serial No.: \_\_/101914

VOGEL, PETER

Docket No.: PHD 87066  
Patent No.: 5028999  
OS Codes : DV1000 BN9000  
Title : SOURCE ENCODER FOR VIDEO PICTURES HAVING A  
STEPSIZE IS CONTROLLED IN AN INCREMENTAL MANNER.

Attorney: MARION  
Serial No.: \_\_/171726

VOGEL, PETER

Docket No.: PHD 87091  
Patent No.:  
OS Codes : DV1000  
Title : SYSTEM FOR TRANSMITTING VIDEO PICTURES.

Attorney: LOBATO  
Serial No.: \_\_/185608

VOGEL, PETER

Docket No.: PHD 87091A      Attorney: LOBATO  
Patent No.:                      Serial No.: \_\_/442475  
OS Codes : DV1000  
Title : SYSTEM FOR TRANSMITTING VIDEO PICTURES.

VOGEL, PETER

Docket No.: PHD 87091B      Attorney: GOODMAN  
Patent No.: 5021879      Serial No.: \_\_/590450  
OS Codes : DV1000  
Title : SYSTEM FOR TRANSMITTING VIDEO PICTURES.

HIENERWADEL, KLAUS  
WETH, GERALD

Docket No.: PHD 88070      Attorney: LOBATO  
Patent No.: 4941053      Serial No.: \_\_/333484  
OS Codes : DV1000  
Title : PREDICTIVE ENCODER FOR STILL PICTURES

HIENERWADEL, KLAUS  
WETH, GERALD

Docket No.: PHD 88071      Attorney: MARION  
Patent No.: 4947248      Serial No.: \_\_/333485  
OS Codes : DV1000  
Title : HYBRID ENCODER FOR VIDEO SIGNALS COMPRISING A  
ESTIMATOR AND AN INTER-INTRAFRAME ENCODING

HIENERWADEL, K.

Docket No.: PHD 89075      Attorney: MARION  
Patent No.:                      Serial No.: \_\_/  
OS Codes : BN9000      DV1000  
Title : CIRCUIT ARRANGEMENT FOR FILTERING A VIDEO SIGNAL.

HIENERWADEL, KLAUS

Docket No.: PHD 90054      Attorney: BIREN  
Patent No.: 5172334      Serial No.: \_\_/671325  
OS Codes : DV1000  
Title : CIRCUIT ARRANGEMENT FOR DEFINING THE POSITIONS OF  
OF A CORRELATION FUNCTION.

BADIQUE, ERIC

Docket No.: PHD 90163      Attorney: WIEGHAUS  
Patent No.:                      Serial No.: 07/754879  
OS Codes : DV1000  
Title : CIRCUIT ARRANGEMENT FOR RECOGNIZING A HUMAN FACE.

BADIQUE, ERIC

Docket No.: PHD 90163A      Attorney: WIEGHAUS  
Patent No.: 5570434      Serial No.: 08/202843  
OS Codes : DV1000  
Title : CIRCUIT ARRANGEMENT FOR RECOGNIZING A HUMAN FACE.

VOGEL, PETER

Docket No.: PHD 91084      Attorney: MARION  
Patent No.:                      Serial No.: 07/892098  
OS Codes : DV1000  
Title : DEVICE FOR CONTROLLING THE QUANTIZER OF A HYBRID

VOGEL, PETER

Docket No.: PHD 91084A  
Patent No.: 5412431  
OS Codes : DV1000  
Title : DEVICE FOR CONTROLLING THE QUANTIZER OF A HYBRID

Attorney: MARION  
Serial No.: 08/184406

VOGEL, PETER

Docket No.: PHD 91110  
Patent No.: 5343247  
OS Codes : DV1000  
Title : FILTER CIRCUIT FOR PREPROCESSING A VIDEO SIGNAL

Attorney: MARION  
Serial No.: 07/914990

ZHANG, WENJUN  
BARTHEL, TOM  
WENGER, JEAN

Docket No.: PHD 92125  
Patent No.:  
OS Codes : DV1000 BN9000  
Title : ADAPTIVE DPCM CODER.

Attorney: MARION  
Serial No.: 08/121653

RIEGEL, MAXIMILAN  
STENSEL, ULRICH

Docket No.: PHD 93028  
Patent No.:  
OS Codes : DV1000  
Title : VIDEO DECODER INCLUDING A CONTROL UNIT.

Attorney: GATHMAN  
Serial No.: 08/196915

RIEGEL, MAXIMILAN  
STENSEL, ULRICH

Docket No.: PHD 93028A  
Patent No.: 5619267  
OS Codes : DV1000  
Title : VIDEO DECODER INCLUDING A CONTROL UNIT.

Attorney: GATHMAN  
Serial No.: 08/599517

JACOBSEN, MICHAEL

Docket No.: PHD 94083  
Patent No.:  
OS Codes : 1204DD DV1000  
Title : VIDEO AND/OR AUDIO SIGNAL PROCESSING.

Attorney: GATHMAN  
Serial No.: 08/491009

JACOBSEN, MICHAEL

Docket No.: PHD 94083A  
Patent No.: 5953068  
OS Codes : 1204DD DV1000  
Title : VIDEO AND/OR AUDIO SIGNAL PROCESSING.

Attorney: GATHMAN  
Serial No.: 08/491009

VOGEL, PETER

Docket No.: PHD 94129  
Patent No.:  
OS Codes : DV1000  
Title : CODER FOR SEGMENTED CODING OF AN INPUT SIGNAL.

Attorney: GROSS  
Serial No.: 08/531672

VOGEL, PETER

Docket No.: PHD 94129A  
Patent No.:  
OS Codes : DV1000  
Title : CODER FOR SEGMENTED CODING OF AN INPUT SIGNAL.

Attorney: GROSS  
Serial No.: 08/977565



VOGEL, PETER

Docket No.: PHD 94129B  
Patent No.:  
OS Codes : DV1000  
Title : CODER FOR SEGMENTED CODING OF AN INPUT SIGNAL.

Attorney: GROSS  
Serial No.: 08/977565

VOGEL, PETER

Docket No.: PHD 94129C  
Patent No.:  
OS Codes : DV1000  
Title : CODER FOR SEGMENTED CODING OF AN INPUT SIGNAL.

Attorney: GROSS  
Serial No.: 08/977565

IBENTHAL, ACHIM  
GOTTING, DETLEF  
GRIGAT, ROLF-RAINER

Docket No.: PHD 95036  
Patent No.:  
OS Codes : 1204DD DV1000  
Title : METHOD OF DATA REDUCTION BY MEANS OF A FRACTAL  
AND ENCODER AND DECODER FOR PERFORMING THE

Attorney: GATHMAN  
Serial No.: 08/639860

IBENTHAL, ACHIM  
GOTTING, DETLEF  
GRIGAT, ROLF-RAINER

Docket No.: PHD 95036A  
Patent No.:  
OS Codes : 1204DD DV1000  
Title : METHOD OF DATA REDUCTION BY MEANS OF A FRACTAL  
AND ENCODER AND DECODER FOR PERFORMING THE

Attorney: GATHMAN  
Serial No.: 08/639860

IBENTHAL, ACHIM  
GOTTING, DETLEF  
GRIGAT, ROLF-RAINER

Docket No.: PHD 95036B  
Patent No.: 5995673  
OS Codes : 1204DD DV1000  
Title : METHOD OF DATA REDUCTION BY MEANS OF A FRACTAL  
AND ENCODER AND DECODER FOR PERFORMING THE

Attorney: GATHMAN  
Serial No.: 08/639860

IBENTHAL, ACHIM  
GOTTING, DETLEF  
GRIGAT, ROLF-RAINER

Docket No.: PHD 95037  
Patent No.:  
OS Codes : 1204DD DV1000  
Title : METHOD OF DATA REDUCTION BY MEANS OF FRACTAL

Attorney: GROSS  
Serial No.: 08/639987

IBENTHAL, ACHIM  
GOTTING, DETLEF  
GRIGAT, ROLF-RAINER

Docket No.: PHD 95037A  
Patent No.:  
OS Codes : 1204DD DV1000  
Title : METHOD OF DATA REDUCTION BY MEANS OF FRACTAL

Attorney: GROSS  
Serial No.: 08/639987

IBENTHAL, ACHIM  
GOTTING, DETLEF  
GRIGAT, ROLF-RAINER

Docket No.: PHD 95037B  
Patent No.:  
OS Codes : 1204DD DV1000  
Title : METHOD OF DATA REDUCTION BY MEANS OF FRACTAL

Attorney: GROSS  
Serial No.: 08/639987

IBENTHAL, ACHIM  
GOTTING, DETLEF  
GRIGAT, ROLF-RAINER

Docket No.: PHD 95037C  
Patent No.:  
OS Codes : 1204DD DV1000  
Title : METHOD OF DATA REDUCTION BY MEANS OF FRACTAL

Attorney: GROSS  
Serial No.: 08/639987

IBENTHAL, ACHIM  
GOTTING, DETLEF  
GRIGAT, ROLF-RAINER

Docket No.: PHD 95037D      Attorney: GROSS  
Patent No.:                      Serial No.: 08/639987  
OS Codes : 1204DD              DV1000  
Title : METHOD OF DATA REDUCTION BY MEANS OF FRACTAL

IBENTHAL, ACHIM  
GOTTING, DETLEF  
GRIGAT, ROLF-RAINER

Docket No.: PHD 96058      Attorney: GATHMAN  
Patent No.: 5850262      Serial No.: 08/838481  
OS Codes : 1204DD              DV1000  
Title : METHOD OF FRACTAL IMAGE CODING, AND ARRANGEMENTS  
PERFORMING THE METHOD.

IBENTHAL, ACHIM  
SIGGELKOW, SVEN  
GRIGAT, ROLF-RAINER

Docket No.: PHD 96059      Attorney: GROSS  
Patent No.: 6044114      Serial No.: 08/838488  
OS Codes : 1204DD              DV1000  
Title : METHOD OF IMAGE SEGMENTATION.

IBENTHAL, ACHIM  
SIGGELKOW, SVEN  
GRIGAT, ROLF-RAINER

Docket No.: PHD 96060      Attorney: GATHMAN  
Patent No.:                      Serial No.: 08/838485  
OS Codes : 1204DD              DV1000  
Title : METHOD OF IMAGE SEGMENTATION.

IBENTHAL, ACHIM  
SIGGELKOW, SVEN  
GRIGAT, ROLF-RAINER

Docket No.: PHD 96060A      Attorney: GATHMAN  
Patent No.:                      Serial No.: 08/838485  
OS Codes : 1204DD              DV1000  
Title : METHOD OF IMAGE SEGMENTATION.

IBENTHAL, ACHIM

Docket No.: PHD 96186      Attorney: GATHMAN  
Patent No.: 5974188      Serial No.: 08/960392  
OS Codes : 1204DD              DV1000  
Title : METHOD OF FRACTAL IMAGE CODING AND ARRANGEMENT  
PERFORMING THE METHOD.

IBENTHAL, ACHIM

Docket No.: PHD 96187      Attorney: GATHMAN  
Patent No.: 5903678      Serial No.: 08/960391  
OS Codes : 1204DD              DV1000  
Title : METHOD OF DETERMINING SCALING FACTORS FOR FRACTAL  
CODING.

IBENTHAL, ACHIM

Docket No.: PHD 97063      Attorney: GROSS  
Patent No.: 6069661      Serial No.: 09/070218  
OS Codes : 1204DD              DV1000  
Title : METHOD AND ARRANGEMENT FOR COMPUTING PIXEL

SCHMIDT, ADAM

Docket No.: PHD 97065      Attorney: GROSS  
Patent No.:                      Serial No.: 09/070138  
OS Codes : DV1000              HV6000  
Title : METHOD OF CHARACTERIZING VIDEO DATA, AND VIDEO  
COMPRISING MEANS FOR GENERATING A VIDEO DATA

HOPPE, DIRK  
GOTTING, DETLEF

Docket No.: PHD 99054  
Patent No.:  
OS Codes : 1204DD DV1000  
Title : ARRANGEMENT FOR TRANSFORMING PICTURE DATA.

Attorney: BIREN  
Serial No.: 09/556546

HAGHIRI, MOHAMMAD-REZA

Docket No.: PHF 85591  
Patent No.: 4766490  
OS Codes : DV1000  
Title : METHOD OF AND DEVICE FOR ESTIMATING MOTION IN A  
OF PICTURES.

Attorney: MARION  
Serial No.: \_\_\_/934048

AUGER, ROBERT

Docket No.: PHF 86507  
Patent No.: 4775986  
OS Codes : DV1000  
Title : DPCM DECODING CIRCUIT FOR DIGITAL SAMPLES.

Attorney: MARION  
Serial No.: \_\_\_/012973

MIJIYAWA, MEKANO

Docket No.: PHF 86538  
Patent No.: 4760445  
OS Codes : DV1000  
Title : IMAGE-PROCESSING DEVICE FOR ESTIMATING THE MOTION  
SITUATED IN SAID IMAGE.

Attorney: MARION  
Serial No.: \_\_\_/036221

BOISSON, JEAN-YVES

Docket No.: PHF 86545  
Patent No.: 4893123  
OS Codes : DV1000  
Title : TRANSMISSION SYSTEM HAVING A DIFFERENTIAL PULSE  
MODULATION ENCODING APPARATUS AND AN ASSOCIATED

Attorney: GOODMAN  
Serial No.: \_\_\_/050181

BOISSON, JEAN-YVES

Docket No.: PHF 86578  
Patent No.: 4860314  
OS Codes : DV1000  
Title : DIFFERENTIAL PULSE CODE MODULATION ARRANGEMENT,  
DECODING ARRANGEMENT AND TRANSMISSION SYSTEM

Attorney: BARSCHALL  
Serial No.: \_\_\_/084658

HAGHIRI, MOHAMMAD-REZA  
BOUTROIS, BERTRAND

Docket No.: PHF 87527  
Patent No.: 4875094  
OS Codes : DV1000  
Title : METHOD OF AND DEVICE FOR ESTIMATING MOTION IN A  
OF PICTURES.

Attorney: LOBATO  
Serial No.: \_\_\_/179109

BOISSON, JEAN-YVES  
BASTIEN, JEAN-PAUL

Docket No.: PHF 87553  
Patent No.: 4876698  
OS Codes : DV1000  
Title : SYSTEM FOR TRANSMITTING SEQUENCES OF DIGITAL  
BY VARIABLE-LENGTH BINARY WORDS.

Attorney: MARION  
Serial No.: \_\_\_/211307

REMUS, CHRISTAIN  
CHANTELOU, OLIVIER

Docket No.: PHF 87574  
Patent No.: 4920414  
OS Codes : DV1000  
Title : DIGITAL VIDEO SIGNAL ENCODING ARRANGEMENT, AND  
DECODING ARRANGEMENT.

Attorney: MAYER  
Serial No.: \_\_/250019

MODARESSE, FRANCOIS

Docket No.: PHF 87612  
Patent No.: 4868641  
OS Codes : DV1000  
Title : DEVICE FOR DATA RATE REGULATION LINKED TO AT  
DIGITAL VIDEO SIGNAL COMPONENTS.

Attorney: GOODMAN  
Serial No.: \_\_/289293

CHANTELOU, OLIVIER

Docket No.: PHF 88509  
Patent No.: 4933763  
OS Codes : DV1000  
Title : METHOD OF AND ARRANGEMENT FOR CODING DIGITAL  
AND CORRESPONDING DECODING ARRANGEMENT.

Attorney: GOODMAN  
Serial No.: \_\_/310803

LANGLAIS, THIERRY  
BOISSON, JEAN-YVES  
MOLIERE, FRANCOISE

Docket No.: PHF 88582  
Patent No.: 5062125  
OS Codes : DV1000  
Title : STATISTIC CODING ARRANGEMENT FOR PRODUCING CODE  
COMPRISING A VARIABLE NUMBER OF BITS.

Attorney: MARION  
Serial No.: \_\_/389721

NAILLON, MARTINE  
THEETEN, JEAN-BERNARD

Docket No.: PHF 88626  
Patent No.: 5005206  
OS Codes : DV1000  
Title : METHOD OF AND ARRANGEMENT FOR IMAGE DATA  
MEANS OF A NEURAL NETWORK.

Attorney: MARION  
Serial No.: \_\_/439725

LANGLAIS, THIERRY

Docket No.: PHF 88650  
Patent No.: 5181229  
OS Codes : DV1000  
Title : DATA TRANSMISSION ARRANGEMENT USING A STATISTIC  
TRANSMITTER AND A RECEIVER SECTION SUITABLE FOR

Attorney: MARION  
Serial No.: 07/458121

CHANTELOU, OLIVIER  
LHUILLIER, JEAN-JACQUES

Docket No.: PHF 89513  
Patent No.: 4989089  
OS Codes : DV1000  
Title : TELEVISION PICTURE CODING DEVICE AND  
DEVICE, A TELEVISION PICTURE TRANSMISSION

Attorney: GOODMAN  
Serial No.: \_\_/431503

LHUILLIER, JEAN-JACQUES  
GUICHARD, PHILIPPE

Docket No.: PHF 89526  
Patent No.: 5079631  
OS Codes : DV1000  
Title : DEVICE FOR ENCODING DIGITAL VIDEO SIGNALS.

Attorney: GOODMAN  
Serial No.: \_\_/489127

SIRAT, JACQUES A.  
VIALA, JEAN-RENAUD  
REMUS, CHRISTIAN

Docket No.: PHF 89537  
Patent No.: 5134396  
OS Codes : DV1000  
Title : METHOD AND APPARATUS FOR ENCODING AND DECODING  
DATA COMPRESSION AND NEURAL NETWORKS.

Attorney: MARION  
Serial No.: \_\_\_/514818

SIRAT, JACQUES A.  
VIALA, JEAN-RENAUD  
REMUS, CHRISTIAN

Docket No.: PHF 89538  
Patent No.:  
OS Codes : DV1000  
Title : A METHOD OF TEXTURE ANALYSIS AND ANALYSER.

Attorney: MARION  
Serial No.: \_\_\_/514819

HAGHIRI, MOHAMMAD-REZA  
DENOYELLE, PASCAL  
FAUTIER, THIERRY

Docket No.: PHF 89552  
Patent No.: 5200821  
OS Codes : DV1000  
Title : AN ARRANGEMENT FOR PROCESSING SIGNALS BEFORE AND  
TRANSMISSION AND/OR STORAGE WITH FLOW RATE

Attorney: MARION  
Serial No.: 07/613830

HAGHIRI, MOHAMMAD-REZA  
DENOYELLE, PASCAL  
FAUTIER, THIERRY

Docket No.: PHF 89552A  
Patent No.:  
OS Codes : DV1000  
Title : AN ARRANGEMENT FOR PROCESSING SIGNALS BEFORE AND  
TRANSMISSION AND/OR STORAGE WITH FLOW RATE

Attorney: MARION  
Serial No.: 08/016410

DENOYELLE, PASCAL  
HAGHIRI, MOHAMMAD-REZA

Docket No.: PHF 89584  
Patent No.: 5057918  
OS Codes : DV1000  
Title : ARRANGEMENT FOR ENCODING TWO-DIMENSIONAL  
CORRESPONDING DECODING ARRANGEMENT.

Attorney: MARION  
Serial No.: \_\_\_/578984

LHUIILLIER, JEAN-JACQUES  
GUICHARD, PHILIPPE

Docket No.: PHF 89600  
Patent No.: 5122874  
OS Codes : DV1000  
Title : A CODING ARRANGEMENT INCLUDING A CODER FOR  
LENGTH WORDS AND A ASSOCIATED DECODING DEVICE.

Attorney: MARION  
Serial No.: \_\_\_/604736

LHUIILLIER, JEAN-JACQUES  
GUICHARD, PHILIPPE

Docket No.: PHF 89600A  
Patent No.: T.D.  
OS Codes : DV1000  
Title : A CODING ARRANGEMENT INCLUDING A CODER FOR  
LENGTH WORDS AND A ASSOCIATED DECODING DEVICE.

Attorney: MARION  
Serial No.: 07/836669

FAUTIER, THIERRY

Docket No.: PHF 89615  
Patent No.: 5113243  
OS Codes : DV1000  
Title : METHOD OF AND DEVICE FOR DECODING ANIMATED

Attorney: GOODMAN  
Serial No.: \_\_\_/623009

FAZEL, KHALED  
LHUILLIER, JEAN-JACQUES

Docket No.: PHF 89620  
Patent No.: 5218622  
OS Codes : DV1000  
Title : A SYSTEM OF ENCODING DIGITAL SIGNALS INTENDED FOR TRANSMISSION AND/OR STORAGE AND A CORRESPONDING

Attorney: MARION  
Serial No.: 07/630700

LE QUEAU, MARCEL  
LHUILLIER, JEAN-JACQUES

Docket No.: PHF 90504  
Patent No.: 5138315  
OS Codes : DV1000  
Title : ARRANGEMENTS FOR VARIABLE-LENGTH ENCODING AND DIGITAL SIGNALS.

Attorney: MARION  
Serial No.: 07/647626

FAUTIER, THIERRY  
MICHEL, JEAN-PIERRE

Docket No.: PHF 90505  
Patent No.: 5239512  
OS Codes : DV1000  
Title : MEMORY STORAGE METHOD FOR PICTURE PROCESSING AND FOR PUTTING THE METHOD INTO EFFECT.

Attorney: MARION  
Serial No.: 07/649518

LE QUEAU, M.  
L'HUILLIER, J-J.

Docket No.: PHF 90532  
Patent No.:  
OS Codes : DV1000  
Title :

Attorney: GOODMAN  
Serial No.:

DUFOUR, CECILE  
NOCTURE, GILLES

Docket No.: PHF 90567  
Patent No.:  
OS Codes : DV1000  
Title : DEVICE FOR CODING DIGITAL SIGNALS CORRESPONDING IMAGES AND CORRESPONDING DECODING DEVICE

Attorney: EASON  
Serial No.: 08/853734

DUFOUR, CECILE  
NOCTURE, GILLES

Docket No.: PHF 90567A  
Patent No.: 5528299  
OS Codes : DV1000  
Title : DEVICE FOR CODING DIGITAL SIGNALS CORRESPONDING IMAGES AND CORRESPONDING DECODING DEVICE

Attorney: EASON  
Serial No.: 08/408448

GOBERT, JEAN  
STRAT, JACQUES A.

Docket No.: PHF 90588  
Patent No.: 5247586  
OS Codes : DV1000  
Title : CORRELATOR DEVICE.

Attorney: MARION  
Serial No.: 07/806023

SIRAT, JACQUES A.  
ODDOU, CHRISTOPHE O.

Docket No.: PHF 91576  
Patent No.: 5394191  
OS Codes : DV1000  
Title : METHODS FOR SYNTHESIS OF TEXTURE SIGNALS AND FOR AND/OR STORAGE OF SAID SIGNALS, AND DEVICES AND

Attorney: MARION  
Serial No.: 07/983021

SIRAT, JACQUES A.  
ODDOU, CHRISTONPHE

Docket No.: PHF 91580  
Patent No.:  
OS Codes : DV1000  
Title : DEVICE FOR TRANSMITTING AND/OR STORING SIGNALS  
TO ONE OR MORE TEXTURES IN A PICTURE, DEVICE

Attorney: EASON  
Serial No.: 07/991037

SIRAT, JACQUES A.  
ODDOU, CHRISTONPHE

Docket No.: PHF 91580A  
Patent No.: 5533140  
OS Codes : DV1000  
Title : DEVICE FOR TRANSMITTING AND/OR STORING SIGNALS  
TO ONE OR MORE TEXTURES IN A PICTURE, DEVICE

Attorney: EASON  
Serial No.: 08/345877

RIGLET, PHILIPPE  
BOUCHARD, LIONEL  
STRAT, JACQUES-ARIEL

Docket No.: PHF 92508  
Patent No.:  
OS Codes : DV1000  
Title : IMAGE SEGMENTATION DEVICE.

Attorney: TREACY  
Serial No.: 08/034314

RIGLET, PHILIPPE  
BOUCHARD, LIONEL  
STRAT, JACQUES-ARIEL

Docket No.: PHF 92508A  
Patent No.: 5631975  
OS Codes : DV1000  
Title : IMAGE SEGMENTATION DEVICE.

Attorney: TREACY  
Serial No.: 08/326147

RIGLET, PHILIPPE  
BOUCHARD, LIONEL  
SIRAT, JACQUES-ARIEL

Docket No.: PHF 92509  
Patent No.: 5420638  
OS Codes : DV1000 DV0000  
Title : SUBASSEMBLY FOR CODING IMAGES WITH REFRESH  
DATA TO BE CODED, AND SUBASSEMBLY FOR DECODING

Attorney: MARION  
Serial No.: 08/041632

ODDOU, CHRISTOPHE  
SIRAT, JACQUES

Docket No.: PHF 92541  
Patent No.:  
OS Codes : DV1000  
Title : DEVICE FOR CODING STILL IMAGES.

Attorney: TREACY  
Serial No.: 08/111682

ODDOU, CHRISTOPHE  
SIRAT, JACQUES

Docket No.: PHF 92541A  
Patent No.: 5524064  
OS Codes : DV1000  
Title : DEVICE FOR CODING STILL IMAGES.

Attorney: TREACY  
Serial No.: 08/388118

ODDOU, CHRISTOPHE

Docket No.: PHF 92544  
Patent No.: 5459513  
OS Codes : DV1000  
Title : DEVICE FOR ENCODING ONE CONTOUR SIDE OF SEGMENTED  
DECODER THEREFOR.

Attorney: TREACY  
Serial No.: 08/122870

FERT, ETIENNE

Docket No.: PHF 92550  
Patent No.:  
OS Codes : DV1000  
Title : DEVICE FOR ENCODING DIGITAL SIGNALS REPRESENTING  
CORRESPONDING DECODING DEVICE.

Attorney: GATHMAN  
Serial No.: 08/143793

FERT, ETIENNE

Docket No.: PHF 92550A  
Patent No.: 5500677  
OS Codes : DV1000  
Title : DEVICE FOR ENCODING DIGITAL SIGNALS REPRESENTING  
CORRESPONDING DECODING DEVICE.

Attorney: GATHMAN  
Serial No.: 08/483916

DECOTIGNIE, PHILIPPE  
JOURDAN, SABINE

Docket No.: PHF 92559  
Patent No.: 5502571  
OS Codes : DV1000  
Title : DEVICE FOR PROCESSING DIGITAL SIGNALS FIRST CODED  
OF VARIABLE LENGTH CODING AND DEVICE FOR

Attorney: GATHMAN  
Serial No.: 08/148109

FERT, ETIENNE  
FREDERIQUE, GUEDE

Docket No.: PHF 92566  
Patent No.:  
OS Codes : TV4400 DV1000  
Title : STAGE FOR DETECTING MOTION IN DIGITAL SIGNALS  
TO INITIAL INTERLACED-FIELD PICTURES, AND

Attorney: GOODMAN  
Serial No.: 08/161953

GUEDE, FREDERIQUE

Docket No.: PHF 92570  
Patent No.: 5436663  
OS Codes : DV1000  
Title : DEVICE FOR ENCODING DIGITAL SIGNALS REPRESENTING  
PICTURES, AND CORRESPONDING DECODING DEVICE.

Attorney: MARION  
Serial No.: 08/168729

GUEDE, FREDERIQUE

Docket No.: PHF 93516  
Patent No.:  
OS Codes : DV1000  
Title : DEVICE FOR ENCODING SEQUENCES OF FRAMES  
TYPE IMAGES AND VIDEO-TYPE IMAGES, AND

Attorney: GATHMAN  
Serial No.: 08/214881

GUEDE, FREDERIQUE

Docket No.: PHF 93516A  
Patent No.: 5742351  
OS Codes : DV1000  
Title : DEVICE FOR ENCODING SEQUENCES OF FRAMES  
TYPE IMAGES AND VIDEO-TYPE IMAGES, AND

Attorney: GATHMAN  
Serial No.: 08/541024

FAUTIER, THIERRY  
MOLTER, DAVID

Docket No.: PHF 93522  
Patent No.: 5561465  
OS Codes : DV1000  
Title : METHOD AND DEVICE FOR DECODING COMPRESSED FRAMES.

Attorney: GATHMAN  
Serial No.: 08/221148



BAZZAZ, PAUL

Docket No.: PHF 93526      Attorney: GOODMAN  
Patent No.:                      Serial No.: 08/223623  
OS Codes : DV1000  
Title : METHOD AND DEVICE FOR ESTIMATING MOTION OF  
SUCCESSIVE ANIMATED IMAGES SUBDIVIDED INTO

BAZZAZ, PAUL

Docket No.: PHF 93526A      Attorney: GOODMAN  
Patent No.: 5555033      Serial No.: 08/582234  
OS Codes : DV1000  
Title : METHOD AND DEVICE FOR ESTIMATING MOTION OF  
SUCCESSIVE ANIMATED IMAGES SUBDIVIDED INTO

ODDOU, CHRISTOPHE

Docket No.: PHF 93534      Attorney: GATHMAN  
Patent No.: 5577131      Serial No.: 08/237489  
OS Codes : DV1000  
Title : DEVICE FOR SEGMENTING TEXTURED IMAGES AND IMAGE  
SYSTEM COMPRISING SUCH A DEVICE

NÔCTURE, GILLES  
FAUTIER, THIERRY

Docket No.: PHF 93548      Attorney: GATHMAN  
Patent No.: 5510848      Serial No.: 08/269814  
OS Codes : DV1000  
Title : SYSTEM FOR RECEIVING AND DECODING DIGITAL SIGNALS  
ACCORDANCE WITH TWO IMAGE DEFINITION LEVEL.

FERT, ETIENNE

Docket No.: PHF 93584      Attorney: GROSS  
Patent No.:                      Serial No.: 08/354565  
OS Codes : DV1000  
Title : METHOD OF VARIABLE-LENGTH ENCODING OF IMAGES, AND  
PERFORMING SAID METHOD.

FERT, ETIENNE

Docket No.: PHF 93584A      Attorney: GROSS  
Patent No.:                      Serial No.:  
OS Codes : DV1000  
Title : METHOD OF VARIABLE-LENGTH ENCODING OF IMAGES, AND  
PERFORMING SAID METHOD.

KEESMAN, GERRIT J.

Docket No.: PHF 94001      Attorney: GATHMAN  
Patent No.: 5729293      Serial No.: 08/496344  
OS Codes : DV1000  
Title : METHOD AND DEVICE FOR TRANSCODING A SEQUENCE OF  
SIGNALS.

FRENCKEN, PETER H.

Docket No.: PHF 94003      Attorney: GATHMAN  
Patent No.:                      Serial No.: 08/561572  
OS Codes : DV1000  
Title : METHOD AND SYSTEM FOR DECODING CODED VIDEO

FRENCKEN, PETER H.

Docket No.: PHF 94003A      Attorney: GATHMAN  
Patent No.:                      Serial No.: 08/561572  
OS Codes : DV1000  
Title : METHOD AND SYSTEM FOR DECODING CODED VIDEO

FRENCKEN, PETER H.

Docket No.: PHF 94003B      Attorney: GATHMAN  
Patent No.: 6008849          Serial No.: 08/561572  
OS Codes : DV1000  
Title : METHOD AND SYSTEM FOR DECODING CODED VIDEO

FASSNACHT, CAROLA  
DEVIJVER, PIERRE A.

Docket No.: PHF 94507      Attorney: GATHMAN  
Patent No.: 5774581          Serial No.: 08/532670  
OS Codes : DV1000  
Title : DEVICE FOR SEGMENTING A DISCRETE ASSEMBLY OF

TRANCHARD, LIONEL

Docket No.: PHF 94510      Attorney: GATHMAN  
Patent No.: 5680483          Serial No.: 08/392632  
OS Codes : DV1000  
Title : METHOD AND DEVICE FOR CODING DIGITAL SIGNALS  
REPRESENTATIVE OF A SEQUENCE OF PICTURES.

TRANCHARD, LIONEL

Docket No.: PHF 94556      Attorney: GATHMAN  
Patent No.: 5648819          Serial No.: 08/413061  
OS Codes : DV1000  
Title : METHOD AND CIRCUIT FOR ESTIMATING MOTION BETWEEN  
COMPOSED OF INTELACED FIELDS, AND DEVICE FOR

FAUTIER, THIERRY  
MOLTER, DAVID

Docket No.: PHF 94572      Attorney: GATHMAN  
Patent No.: 5828412          Serial No.: 08/568773  
OS Codes : DV1000  
Title : METHOD AND RECEIVING APPARATUS FOR DECODING  
FRAMES.

KEESMAN, GERRIT J.  
VAN OTTERLOO, PETRUS J.

Docket No.: PHF 95001      Attorney: GATHMAN  
Patent No.: 5805224          Serial No.: 08/601406  
OS Codes : DV1000  
Title : METHOD AND DEVICE FOR TRANSCODING VIDEO SIGNALS.

KEESMAN, GERRIT J.  
VAN OTTERLOO, PETRUS J.

Docket No.: PHF 95002      Attorney: GATHMAN  
Patent No.: 5805220          Serial No.: 08/732311  
OS Codes : DV1000  
Title : SYSTEM FOR TRANSMITTING A PLURALITY OF VIDEO  
SIMULTANEOUSLY THROUGH A TRANSMISSION CHALLE.

KEESMAN, GERRIT J.

Docket No.: PHF 95003  
Patent No.:  
OS Codes : DV1000  
Title : METHOD AND DEVICE FOR DECODING DIGITAL VIDEO  
RECEPTION EQUIPMENT INCLUDING SUCH A DEVICE.

Attorney: GATHMAN  
Serial No.: 08/683393

KEESMAN, GERRIT J.

Docket No.: PHF 95003A  
Patent No.:  
OS Codes : DV1000  
Title : METHOD AND DEVICE FOR DECODING DIGITAL VIDEO  
RECEPTION EQUIPMENT INCLUDING SUCH A DEVICE.

Attorney: GATHMAN  
Serial No.: 08/683393

KEESMAN, GERRIT J.

Docket No.: PHF 95003B  
Patent No.:  
OS Codes : DV1000  
Title : METHOD AND DEVICE FOR DECODING DIGITAL VIDEO  
RECEPTION EQUIPMENT INCLUDING SUCH A DEVICE.

Attorney: GATHMAN  
Serial No.: 08/683393

FRENCKEN, PETER H.

Docket No.: PHF 95004  
Patent No.: 5936670  
OS Codes : 1204DD DV1000  
Title : METHOD AND DEVICE FOR DECODING CODED DIGITAL

Attorney: GATHMAN  
Serial No.: 08/836790

SALEMBIER, PHILIPPE

Docket No.: PHF 95543  
Patent No.:  
OS Codes : DV1000  
Title : METHOD AND SYSTEM FOR CODING AN IMAGE SEQUENCE,  
CODED SIGNAL AND STORAGE MEDIUM, AND METHOD AND

Attorney: GATHMAN  
Serial No.: 08/688917

SALEMBIER, PHILIPPE

Docket No.: PHF 95553  
Patent No.:  
OS Codes : DV1000  
Title : METHOD AND SYSTEM FOR CODING A SEQUENCE OF  
CORRESPONDING CODED SIGNAL AND STORAGE MEDIUM,

Attorney: GATHMAN  
Serial No.: 08/709498

SALEMBIER, PHILIPPE

Docket No.: PHF 95553A  
Patent No.:  
OS Codes : DV1000  
Title : METHOD AND SYSTEM FOR CODING A SEQUENCE OF  
CORRESPONDING CODED SIGNAL AND STORAGE MEDIUM,

Attorney: GATHMAN  
Serial No.: 08/709498

SALEMBIER, PHILIPPE

Docket No.: PHF 95553B  
Patent No.:  
OS Codes : DV1000  
Title : METHOD AND SYSTEM FOR CODING A SEQUENCE OF  
CORRESPONDING CODED SIGNAL AND STORAGE MEDIUM,

Attorney: GATHMAN  
Serial No.: 08/709498

BOUCHARD, LIONEL  
ASKENATZIS, REGINE

Docket No.: PHF 95571  
Patent No.: 5898798  
OS Codes : DV1000  
Title : REGION-BASED TEXTURE CODING AND DECODING METHOD,  
CORRESPONDING SYSTEMS.

Attorney: GATHMAN  
Serial No.: 08/734006

BOUCHARD, LIONEL  
ASKENATZIS, REGINE

Docket No.: PHF 95572  
Patent No.: 5845013  
OS Codes : DV1000  
Title : REGION-BASED TEXTURE CODING AND DECODING METHOD,  
CORRESPONDING SYSTEMS.

Attorney: GATHMAN  
Serial No.: 08/734005

NORMAND, GUY

Docket No.: PHF 95584  
Patent No.: 5929914  
OS Codes : DV1000  
Title : METHOD AND DEVICE FOR GLOBAL BITRATE CONTROL OF A  
OF ENCODERS.

Attorney: GATHMAN  
Serial No.: 08/744162

BRU, BERNARD

Docket No.: PHF 96514  
Patent No.:  
OS Codes : DV1000  
Title : DEVICE FOR DECODING SIGNALS OF THE MPEG2 TYPE.

Attorney: GROSS  
Serial No.: 08/795495

BRU, BERNARD

Docket No.: PHF 96514A  
Patent No.: 6091768  
OS Codes : DV1000  
Title : DEVICE FOR DECODING SIGNALS OF THE MPEG2 TYPE.

Attorney: GROSS  
Serial No.: 08/795495

PERRIN, JEAN-PHILIPPE

Docket No.: PHF 96517  
Patent No.: 5872577  
OS Codes : DV1000  
Title : DEVICE FOR DECODING SIGNALS OF THE MPEG-TYPE.

Attorney: GATHMAN  
Serial No.: 08/806871

JEANNIN, SYLVIE

Docket No.: PHF 96534  
Patent No.:  
OS Codes : DV1000  
Title : METHOD AND DEVICE FOR ESTIMATING MOTION BETWEEN  
SYSTEM FOR ENCODING SEGMENTED IMAGES.

Attorney: GATHMAN  
Serial No.: 08/738987

JEANNIN, SYLVIE

Docket No.: PHF 96534A  
Patent No.: 5929940  
OS Codes : DV1000  
Title : METHOD AND DEVICE FOR ESTIMATING MOTION BETWEEN  
SYSTEM FOR ENCODING SEGMENTED IMAGES.

Attorney: GATHMAN  
Serial No.: 08/738987

CORSET, ISABELLE  
BOUCHARD, LIONEL  
JEANNIN, SYLVIE  
SALEMBIER, PHILIPPE

Docket No.: PHF 96542  
Patent No.:  
OS Codes : DV1000  
Title : SEGMENTED PICTURE CODING METHOD AND SYSTEM, AND  
DECODING METHOD AND SYSTEM.

Attorney: GATHMAN  
Serial No.: 08/736771

CORSET, ISABELLE  
BOUCHARD, LIONEL  
JEANNIN, SYLVIE  
SALEMBIER, PHILIPPE

Docket No.: PHF 96542A  
Patent No.: 5995668  
OS Codes : DV1000  
Title : SEGMENTED PICTURE CODING METHOD AND SYSTEM, AND  
DECODING METHOD AND SYSTEM.

Attorney: GATHMAN  
Serial No.: 08/736771

PARDAS, MONTSE  
SALEMBIER, PHILIPPE  
AYUSO, FRANCISCO X.  
MARTI, EVA

Docket No.: PHF 96545  
Patent No.:  
OS Codes : DV1000  
Title : VIDEO CODING METHOD AND CORRESPONDING CODING AND  
SYSTEMS.

Attorney: GROSS  
Serial No.: 08/981811

OLIVERAS, ALBERT  
SALEMBIER, PHILIPPE  
GARRIDO, LUIS

Docket No.: PHF 96629  
Patent No.: 5867605  
OS Codes : DV1000  
Title : FILTERING METHOD AND CORRESPONDING FILTERING

Attorney: GATHMAN  
Serial No.: 08/813415

FRENCKEN, PETER  
DE WITH, PETER

Docket No.: PHF 97001  
Patent No.:  
OS Codes : 1204DD DV1000  
Title : METHOD AND DEVICE FOR DECODING CODED DIGITAL

Attorney: GROSS  
Serial No.: 09/011367

BAGNI, DANIELE  
TONO, STEFANO

Docket No.: PHF 97002  
Patent No.:  
OS Codes : DV1000  
Title : VIDEO CODING METHOD AND DEVICE, AND CORRESPONDING  
DEVICE.

Attorney: GROSS  
Serial No.: 09/116679

JEANNIN, SYLVIE

Docket No.: PHF 97550  
Patent No.: 6088397  
OS Codes : DV1000  
Title : METHOD OF ESTIMATION OF MOTION BETWEEN IMAGES.

Attorney: GROSS  
Serial No.: 09/202890

LEMAGUET, YANN

Docket No.: PHF 97577  
Patent No.:  
OS Codes : DV1000  
Title : METHOD OF SWITCHING BETWEEN VIDEO SEQUENCES AND  
DEVICE.

Attorney: GATHMAN  
Serial No.: 09/120292

LEMAGUET, YANN

Docket No.: PHF 97577A  
Patent No.:  
OS Codes : DV1000  
Title : METHOD OF SWITCHING BETWEEN VIDEO SEQUENCES AND  
DEVICE.

Attorney: GATHMAN  
Serial No.: 09/120292

DUFOUR, CECILE

Docket No.: PHF 97580  
Patent No.:  
OS Codes : DV1000 DV0900  
Title : METHOD OF RECONSTRUCTION OF TRIDIMENSIONAL SCENES  
CORRESPONDING RECONSTRUCTION DEVICE AND DECODING

Attorney: GROSS  
Serial No.: 09/124629

HERRMANN, LAURENT

Docket No.: PHF 97602  
Patent No.:  
OS Codes : DV1000  
Title : METHOD OF ENCAPSULATION OF DATA INTO TRANSPORT  
CONSTANT SIZE.

Attorney: GROSS  
Serial No.: 09/174787

MARQUES, FERRAN  
MOLINA, CRISTINA

Docket No.: PHF 97605  
Patent No.:  
OS Codes : DV1000  
Title : IMAGE SEGMENTATION AND OBJECT TRACKING METHOD AND  
CORRESPONDING SYSTEM.

Attorney: GROSS  
Serial No.: 09/018984

DURANTON, MARC

Docket No.: PHF 97609  
Patent No.:  
OS Codes : PF9000 DV1000  
Title : METHOD OF COMMUNICATION BETWEEN REMOTE TERMINALS  
CENTRAL STATION.

Attorney: PIOTROWSKI, T  
Serial No.: 09/182698

DOUX, ANNE-CLAUDE

Docket No.: PHF 97610  
Patent No.:  
OS Codes : DV1000  
Title : CODING A SEQUENCE OF PICTURES.

Attorney: GROSS  
Serial No.: 09/186601

MARTIN, FRANCOIS

Docket No.: PHF 97628  
Patent No.:  
OS Codes : DV1000  
Title : METHOD OF SWITCHING VIDEO SEQUENCES AND  
SWITCHING DEVICE AND DECODING SYSTEM.

Attorney: GROSS  
Serial No.: 09/085668

FISCH, EBERHARD

Docket No.: PHF 97635  
Patent No.:  
OS Codes : DV1000  
Title : DATA TRANSFORMATION OF THE INVERSE-FOURIER TYPE.

Attorney: GROSS  
Serial No.: 09/000667

PEIN, HOWARD  
DEAN, JOHN  
BAKKMUTSKY, MIKE  
SHEN, RICHARD

Docket No.: PHF 97638  
Patent No.:  
OS Codes : DV1000  
Title : RECEPTION OF VARIABLE-AND RUN-LENGTH ENCODED

Attorney: GROSS  
Serial No.: 09/000671

GENTRIC, PHILIPPE  
HERRMANN, LAURENT

Docket No.: PHF 98505  
Patent No.:  
OS Codes : DV1000  
Title : MPEG-4 SYSTEMS COMPLIANT ARCHITECTURE.

Attorney: GROSS  
Serial No.: 09/235366

MARTIN, FRANCOIS

Docket No.: PHF 98510  
Patent No.:  
OS Codes : DV1000  
Title : METHOD OF SWITCHING OF CODED VIDEO SEQUENCES AND  
CORRESPONDING DEVICE.

Attorney: GROSS  
Serial No.: 09/241016

PETERS, JOHN H.

Docket No.: PHN 09789  
Patent No.: 4398217  
OS Codes : DV1000  
Title : METHOD OF AND ARRANGEMENT FOR DIGITIZING A  
VIDEO SIGNAL USING A PICTURE TRANSFORM CODING.

Attorney: EASON  
Serial No.: \_\_\_/278235

PETERS, JOSEPH H.

Docket No.: PHN 09804  
Patent No.: 4405936  
OS Codes : DV1000  
Title : METHOD OF AND ARRANGEMENT FOR DIGITIZING A COLOUR  
SIGNAL.

Attorney: MARION  
Serial No.: \_\_\_/288231

VAN BUUL, M.C.  
KREMERS, THEODOOR M.M.

Docket No.: PHN 09871  
Patent No.: 4411001  
OS Codes : DV1000  
Title : DIFFERENTIAL PULSE CODE MODULATION TRANSMISSION

Attorney: MARION  
Serial No.: \_\_\_/305815

PETERS, I.H.

Docket No.: PHN 10192  
Patent No.: 4481644  
OS Codes : DV1000  
Title : DIFFERENTIAL PULSE CODE MODULATION TRANSMISSION

Attorney: MARION  
Serial No.: \_\_\_/434982

DRIESSEN, LEONARDUS M.H

Docket No.: PHN 10221  
Patent No.: 4555729  
OS Codes : DV1000 VR0900  
Title : SYSTEM FOR TRANSMITTING TELEVISION PICTURE  
AN ERROR-PROTECTION CODE.

Attorney: RICH  
Serial No.: \_\_\_/451685

DRIESSEN, LEONARDUS M.H

Docket No.: PHN 10221A      Attorney: RICH  
Patent No.: 4567518      Serial No.: \_\_/749682  
OS Codes : DV1000      VR0900  
Title : SYSTEM FOR DECODING AND DISPLAYING ENCODED  
PICTURES

PETERS, JOSEPH H.

Docket No.: PHN 10468      Attorney: MARION  
Patent No.: 4477915      Serial No.: \_\_/447085  
OS Codes : DV1000  
Title : DIFFERENTIAL PULSE CODE MODULATION TRANSMISSION

PETERS, JOSEPH H.

Docket No.: PHN 10545      Attorney: EASON  
Patent No.:      Serial No.: \_\_/472892  
OS Codes : DV1000  
Title : VIDEO RECORDER.

PETERS, JOSEPH H.

Docket No.: PHN 10545A      Attorney: EASON  
Patent No.: 4720751      Serial No.: \_\_/841035  
OS Codes : DV1000  
Title : VIDEO RECORDING APPARATUS WHICH RECORDS  
INFORMATION AT A LOWER FREQUENCY BAND

PETERS, JOSEPH H.

Docket No.: PHN 11119      Attorney: MARION  
Patent No.: 4718067      Serial No.: \_\_/758591  
OS Codes : DV1000      HV6900  
Title : DEVICE FOR CORRECTING AND CONCEALING ERRORS IN A  
AND VIDEO AND/OR AUDIO REPRODUCTION APPARATUS

VAN LUYT, BALTHASAR A.G

Docket No.: PHN 11734      Attorney: TAMOSHUNAS  
Patent No.:      Serial No.: \_\_/038807  
OS Codes : R00410      DV1000  
Title : METHOD OF TRANSMITTING UPDATE INFORMATION FOR A  
DEO PICTURE

VAN LUYT, BALTHASAR A.

Docket No.: PHN 11734A      Attorney: TAMOSHUNAS  
Patent No.: 4914515      Serial No.: \_\_/275709  
OS Codes : R00410      DV1000  
Title : METHOD OF TRANSMITTING UPDATE INFORMATION FOR A  
VIDEO PICTURE.

BORGERS, STEPHANUS M.  
VISSER, CORNELIS P.

Docket No.: PHN 11745      Attorney: GOODMAN  
Patent No.: 4837724      Serial No.: \_\_/047795  
OS Codes : DV1000  
Title : DISCRETE COSINE TRANSFORM ARRANGEMENT.



BORGERS, STEPHANUS M.  
DE BRUIJNE, ROELAND P.  
DE WITH, PETER H.

Docket No.: PHN 12054  
Patent No.: 4849812  
OS Codes : DV1000  
Title : TELEVISION SYSTEM IN WHICH DIGITIZED PICTURE  
SUBJECTED TO A TRANSFORM CODING ARE TRANSMITTED

Attorney: GOODMAN  
Serial No.: \_\_/160053

BORGERS, STEPHANUS M.  
WOUDSMA, ROBERTO  
HABRAKEN, EGIDIUS A.P.

Docket No.: PHN 12079  
Patent No.: 4831440  
OS Codes : DV1000  
Title : TELEVISION TRANSMISSION SYSTEM USING TRANSFORM

Attorney: GOODMAN  
Serial No.: \_\_/172603

WOUDSMA, ROBERTO  
CHONG, DAVID C.  
MCSWEENEY, BRIAN T.  
BORGERS, STEPHANUS M.C.

Docket No.: PHN 12092  
Patent No.: 4881192  
OS Codes : DV1000  
Title : ONE-DIMENSIONAL LINEAR PICTURE TRANSFORMER.

Attorney: GOODMAN  
Serial No.: \_\_/178952

MARTENS, JEAN B.O.S.

Docket No.: PHN 12147  
Patent No.: 4864396  
OS Codes : DV1000  
Title : TELEVISION TRANSMISSION SYSTEM INCLUDING A  
CODING/DECODING CIRCUIT.

Attorney: MARION  
Serial No.: \_\_/192027

DE WITH, PETER H.

Docket No.: PHN 12523  
Patent No.: 4957688  
OS Codes : DV1000  
Title : SYSTEM FOR THE TRANSMISSION OF VIDEO SIGNALS WITH  
CODE WORD ALLOCATION, AND ALSO A TRANSMITTER AND

Attorney: GOODMAN  
Serial No.: \_\_/326577

MARTENS, JEAN B.

Docket No.: PHN 12554  
Patent No.: 4953018  
OS Codes : DV1000  
Title : TELEVISION TRANSMISSION SYSTEM USING TRANSMISSION  
PICTURE WEIGHTING FACTORS.

Attorney: MARION  
Serial No.: \_\_/339548

DE WITH, PETER H.

Docket No.: PHN 12555  
Patent No.: 4953020  
OS Codes : DV1000  
Title : TELEVISION TRANSMISSION SYSTEM WITH DIFFERENTIAL  
TRANSFORM COEFFICIENTS.

Attorney: MARION  
Serial No.: \_\_/339551

MARTENS, JEAN B.

Docket No.: PHN 12558  
Patent No.: 4941042  
OS Codes : DV1000  
Title : TELEVISION TRANSMISSION SYSTEM INCLUDING A HYBRID  
CIRCUIT.

Attorney: MARION  
Serial No.: \_\_/339550

VAN DER MEER, JAN  
VREESWIJK, FRANCISCUS

Docket No.: PHN 12576  
Patent No.: 4933759  
OS Codes : DV1000  
Title : METHOD OF AND ARRANGEMENT FOR MOTION DETECTION IN  
INTERLACED TELEVISION PICTURE OBTAINED AFTER...

Attorney: GOODMAN  
Serial No.: \_\_\_/344194

VELDHUIS, RAYMOND N.

Docket No.: PHN 12587  
Patent No.: 4897724  
OS Codes : DV1000  
Title : APPARATUS AND METHOD FOR REPRODUCING DIGITIZED  
PICTURES, WITH INCLINED PLANE ERROR RESTORATION.

Attorney: MARION  
Serial No.: \_\_\_/221692

VELDHUIS, RAYMOND N.

Docket No.: PHN 12588  
Patent No.: 4876595  
OS Codes : DV1000  
Title : DEVICE FOR REPRODUCING DIGITIZED VIDEO PICTURES  
IMPROVED RESTORATION METHOD.

Attorney: MARION  
Serial No.: \_\_\_/221684

VREESWIJK, FRANCISCUS  
CAREY SMITH, CHRISTOPHE

Docket No.: PHN 12769  
Patent No.: 5027206  
OS Codes : DV1000 RO0410  
Title : HIGH-DEFINITION TELEVISION SYSTEM.

Attorney: MARION  
Serial No.: 07/406928

CAROUNA, GAETANO

Docket No.: PHN 12791  
Patent No.: 4953024  
OS Codes : DV1000  
Title : A PREDICTIVE PICTURE ENCODING CIRCUIT WHICH  
SUPPRESSES AND REPLACES PREDICTION ERROR VALVES,

Attorney: LOBATO  
Serial No.: \_\_\_/347314

BORGERS, S. M.  
DE WITH, P. H.

Docket No.: PHN 12975  
Patent No.:  
OS Codes : VR0100 DV1000  
Title : TELEVISION SYSTEM FOR DIGITAL TRANSMISSION OF  
SIGNALS.

Attorney: MARION  
Serial No.: \_\_\_/531823

BORGERS, S. M.  
DE WITH, P. H.

Docket No.: PHN 12975A  
Patent No.: 5109271  
OS Codes : VR0100 DV1000  
Title : TELEVISION SYSTEM FOR DIGITAL TRANSMISSION OF  
SIGNALS.

Attorney: MARION  
Serial No.: \_\_\_/727292

KEESMAN, GERRIT J.

Docket No.: PHN 13112  
Patent No.: 5122877  
OS Codes : VR0100 DV1000  
Title : METHOD OF TRANSMITTING A DIGITAL VIDEO SIGNAL AND  
FOR USE IN THE METHOD.

Attorney: GOODMAN  
Serial No.: \_\_\_/576329

VAN DER MEER, JAN

Docket No.: PHN 13257  
Patent No.:  
OS Codes : DV1000  
Title : TRANSMISSION SYSTEM FOR DIGITIZED TELEVISION

Attorney: MARION  
Serial No.: 07/600452

VAN DER MEER, JAN

Docket No.: PHN 13257A  
Patent No.:  
OS Codes : DV1000  
Title : METHOD AND APPARATUS FOR TRANSMITTING AND/OR  
OF HIERARCHICALLY ENCODED DIGITAL IMAGE DATA

Attorney: GATHMAN  
Serial No.: 08/111037

VAN DER MEER, JAN

Docket No.: PHN 13257B  
Patent No.:  
OS Codes : DV1000  
Title : METHOD AND APPARATUS FOR TRANSMITTING AND/OR  
OF HIERARCHICALLY ENCODED DIGITAL IMAGE DATA

Attorney: MARION  
Serial No.: 08/369864

VAN DER MEER, JAN

Docket No.: PHN 13257C  
Patent No.: 5699476  
OS Codes : DV1000  
Title : METHOD AND APPARATUS FOR TRANSMITTING AND/OR  
OF HIERARCHICALLY ENCODED DIGITAL IMAGE DATA

Attorney: MARION  
Serial No.: 08/647149

BREEUWER, MARCEL  
DE WITH, PETER H.

Docket No.: PHN 13399  
Patent No.: 5182645  
OS Codes : DV1000  
Title : APPARATUS FOR DERIVING COMPATIBLE LOW-DEFINITION  
TELEVISION SIGNAL AND OTHER COMPONENTS FOR

Attorney: MARION  
Serial No.: 07/714284

DE HAAN, GERARD  
DE POORTERE, GERRIT F.

Docket No.: PHN 13436  
Patent No.:  
OS Codes : TV4400 DV1000  
Title : EDGE DIRECTION DETECTOR FOR IMAGE PROCESSING

Attorney: MARION  
Serial No.: 07/751269

HABRAKEN, EGIDIUS A.  
DE WITH, EGIDIUS H.

Docket No.: PHN 13560  
Patent No.: 5267036  
OS Codes : DV1000  
Title : VIDEO CODER/DECODER WITH SHIFT PREVENTION FOR  
DECODED SIGNAL BLOCKS.

Attorney: MARION  
Serial No.: 07/822495

DE WITH, PETER H.  
BORGERS, STEPHANUS M.

Docket No.: PHN 13587  
Patent No.:  
OS Codes : DV1000 VR0000  
Title : ENCODING CIRCUIT FOR TRANSFORM CODING OF A  
AND DECODING CIRCUIT FOR DECODING SAID SIGNAL.

Attorney: GOODMAN  
Serial No.: 07/831597

DE WITH, PETER H.  
BORGERS, STEPHANUS M.

Docket No.: PHN 13587A  
Patent No.:  
OS Codes : DV1000 VR0000  
Title : ENCODING CIRCUIT FOR TRANSFORM CODING OF A  
AND DECODING CIRCUIT FOR DECODING SAID SIGNAL.

Attorney: GOODMAN  
Serial No.: 08/171377

DE WITH, PETER H.  
BORGERS, STEPHANUS M.

Docket No.: PHN 13587B  
Patent No.:  
OS Codes : DV1000 VR0000  
Title : ENCODING CIRCUIT FOR TRANSFORM CODING OF A  
AND DECODING CIRCUIT FOR DECODING SAID SIGNAL.

Attorney: GOODMAN  
Serial No.: 08/299026

DE WITH, PETER H.  
VERLINDEN, PETRUS D.  
NIJSSSEN, STEPHANUS J.

Docket No.: PHN 13697  
Patent No.: 5245428  
OS Codes : DV1000  
Title : TELEVISION SYSTEM FOR TRANSMITTING PICTURE  
DIGITAL FORMAT.

Attorney: GOODMAN  
Serial No.: 07/865523

DE HAAN, WIEBE  
VAN DER MEER, JAN

Docket No.: PHN 13709  
Patent No.:  
OS Codes : DV1000  
Title : METHOD OF TRANSMITTING AUDIO/OR VIDEO SIGNALS.

Attorney: GATHMAN  
Serial No.: 07/711186

DE HAAN, WIEBE  
VAN DER MEER, JAN

Docket No.: PHN 13709A  
Patent No.:  
OS Codes : DV1000  
Title : METHOD OF TRANSMITTING AUDIO/OR VIDEO SIGNALS ON  
READABLE DISK.

Attorney: GATHMAN  
Serial No.: 08/086402

DE HAAN, WIEBE  
VAN DER MEER, JAN

Docket No.: PHN 13709B  
Patent No.: 5606539  
OS Codes : DV1000  
Title : METHODS AND APPARATUS FOR ENCODING AND DECODING  
OR VIDEO SIGNAL, AND A RECORD CARRIER FOR USE

Attorney: GATHMAN  
Serial No.: 08/299027

DE HAAN, WIEBE  
VAN DER MEER, JAN

Docket No.: PHN 13709C  
Patent No.: 5608697  
OS Codes : DV1000  
Title : METHODS AND APPARATUS FOR ENCODING AND DECODING  
OR VIDEO SIGNAL, AND A RECORD CARRIER FOR USE

Attorney: GATHMAN  
Serial No.: 08/616951

DE HAAN, WIEBE  
VAN DER MEER, JAN

Docket No.: PHN 13709D  
Patent No.: 5844867  
OS Codes : DV1000  
Title : METHODS AND APPARATUS FOR ENCODING AND DECODING  
OR VIDEO SIGNAL, AND A RECORD CARRIER FOR USE

Attorney: GATHMAN  
Serial No.: 08/707845

SHAH, IMRAN A.  
BEUKER, ROB A.

Docket No.: PHN 13764  
Patent No.: 5239377  
OS Codes : DV1000  
Title : DEVICE FOR SPLITTING A DIGITAL INTERLACED  
INTO COMPONENTS.

Attorney: GOODMAN  
Serial No.: 07/898775

DE WITH, PETER H.  
DEN BAKKER, ROELAND

Docket No.: PHN 13871  
Patent No.:  
OS Codes : DV1000  
Title : TELEVISION SYSTEM FOR TRANSMITTING DIGITIZED  
PICTURES FROM A TRANSMITTER TO A RECEIVER.

Attorney: MARION  
Serial No.: 07/968612

DE WITH, PETER H.  
DEN BAKKER, ROELAND

Docket No.: PHN 13871A  
Patent No.: 5402185  
OS Codes : DV1000  
Title : TELEVISION SYSTEM FOR TRANSMITTING DIGITIZED  
PICTURES FROM A TRANSMITTER TO A RECEIVER.

Attorney: MARION  
Serial No.: 08/278711

BRUEKERS, ALPHONS A.  
VAN DEN ENDEN, ADRIANUS

Docket No.: PHN 13893  
Patent No.:  
OS Codes : DV1000  
Title : DEVICE FOR PERFORMING A ONE-DIMENSIONAL FORWARD  
AND INVERSE TRANSFORM.

Attorney: MARION  
Serial No.: 07/948183

BRUEKERS, ALPHONS A.  
VAN DEN ENDEN, ADRIANUS  
TOLHUIZEN, LUDOVICUS M.

Docket No.: PHN 13893A  
Patent No.:  
OS Codes : DV1000  
Title : DEVICE FOR PERFORMING A ONE-DIMENSIONAL FORWARD  
AND INVERSE TRANSFORM.

Attorney: MARION  
Serial No.: 08/198665

BEUKER, ROB A.  
SHAH, IMRAN A.

Docket No.: PHN 14152  
Patent No.: 5416644  
OS Codes : DV1000 VR0100  
Title : DEVICE FOR PROCESSING AN INTERLACED FRAME SIGNAL  
ON A TELEVISION DISPLAY WHEN THE SIGNAL IS

Attorney: GOODMAN  
Serial No.: 08/097644

DE WITH, PETER H.  
NIJSSSEN, STEPHANUS J.  
RIJCKAERT, ALBERT M.  
KEESMAN, GERRIT J.

Docket No.: PHN 14312  
Patent No.:  
OS Codes : DV1000  
Title : METHOD OF AND SYSTEM FOR TRANSMITTING AND  
ENCODED VIDEO IMAGES.

Attorney: MARION  
Serial No.: 08/003357

DE WITH, PETER H.  
NIJSSSEN, STEPHANUS J.  
RIJCKAERT, ALBERT M.  
KEESMAN, GERRIT J.

Docket No.: PHN 14312A  
Patent No.:  
OS Codes : DV1000  
Title : METHOD OF AND SYSTEM FOR TRANSMITTING AND  
ENCODED VIDEO IMAGES.

Attorney: MARION  
Serial No.: 08/416943

DE WITH, PETER H.  
NIJSSSEN, STEPHANUS J.  
RIJCKAERT, ALBERT M.  
KEESMAN, GERRIT J.

Docket No.: PHN 14312B  
Patent No.: 5583651  
OS Codes : DV1000  
Title : METHOD OF AND SYSTEM FOR TRANSMITTING AND  
ENCODED VIDEO IMAGES.

Attorney: MARION  
Serial No.: 08/601270

DE WITH, PETER H.  
VAN GESTEL, WILHELMUS

Docket No.: PHN 14472  
Patent No.: 5570132  
OS Codes : DV1000 VR0100  
Title : DEVICE FOR TRANSMITTING OR STORING DIGITAL  
PICTURES, AND DEVICE FOR RECEIVING SAID PICTURES.

Attorney: GATHMAN  
Serial No.: 08/254092

DE WITH, PETER H.  
DEN BAKKER, ROELAND

Docket No.: PHN 14496  
Patent No.: 5530481  
OS Codes : DV1000  
Title : VIDEO ENCODER/DECODER FOR ENCODING/DECODING  
COMPENSATED IMAGES.

Attorney: MARION  
Serial No.: 08/268709

KEESMAN, GERRIT J.

Docket No.: PHN 14572  
Patent No.:  
OS Codes : DV1000  
Title : DEVICE FOR TRANSMITTING A PLURALITY OF TELEVISION  
THROUGH A TRANSMISSION CHANNEL.

Attorney: GROSS  
Serial No.: 08/304015

KEESMAN, GERRIT J.

Docket No.: PHN 14572A  
Patent No.:  
OS Codes : DV1000  
Title : DEVICE FOR TRANSMITTING A PLURALITY OF TELEVISION  
THROUGH A TRANSMISSION CHANNEL.

Attorney: GROSS  
Serial No.:

DE WITH, PETER H.  
NIJSSSEN, STEPHANUS J.

Docket No.: PHN 14621  
Patent No.:  
OS Codes : DV1000  
Title : DEVICE FOR TRANSMITTING TELEVISION PICTURES AND  
RECEIVING SAID PICTURES.

Attorney: GROSS  
Serial No.: 08/330060

DE WITH, PETER H.  
NIJSSSEN, STEPHANUS J.

Docket No.: PHN 14621A  
Patent No.:  
OS Codes : DV1000  
Title : DEVICE FOR TRANSMITTING TELEVISION PICTURES AND  
RECEIVING SAID PICTURES.

Attorney: GROSS  
Serial No.: 08/816465

DE WITH, PETER H.  
NIJSSSEN, STEPHANUS J.

Docket No.: PHN 14621B  
Patent No.:  
OS Codes : DV1000  
Title : DEVICE FOR TRANSMITTING TELEVISION PICTURES AND  
RECEIVING SAID PICTURES.

Attorney: GROSS  
Serial No.: 09/328693

KLEIN GUNNEWIEK, REINER  
SHAH, IMRAN A.  
KEESMAN, GERRIT J.

Docket No.: PHN 14645  
Patent No.: 5606371  
OS Codes : DV1000  
Title : VIDEO SIGNAL CODING WITH PROPORTIONALLY  
QUANTIZATION CONTROL.

Attorney: GATHMAN  
Serial No.: 08/346948

KLEIN GUNNEWIEK, REINER  
SHAH, IMRAN A.  
KEESMAN, GERRIT J.

Docket No.: PHN 14646  
Patent No.: 5757434  
OS Codes : DV1000  
Title : DEVICE FOR ENCODING A VIDEO SIGNAL.

Attorney: GATHMAN  
Serial No.: 08/346941

ROSENGREN, JURGEN F.

Docket No.: PHN 14769  
Patent No.:  
OS Codes : DV1000  
Title : METHOD AND DEVICE FOR TRANSMITTING DATA PACKETS.

Attorney: GROSS  
Serial No.: 08/537701

ROSENGREN, JURGEN F.

Docket No.: PHN 14769A  
Patent No.:  
OS Codes : DV1000  
Title : METHOD AND DEVICE FOR TRANSMITTING DATA PACKETS.

Attorney: GROSS  
Serial No.: 08/537701

ROSENGREN, JURGEN F.

Docket No.: PHN 14769B  
Patent No.:  
OS Codes : DV1000  
Title : METHOD AND DEVICE FOR TRANSMITTING DATA PACKETS.

Attorney: GROSS  
Serial No.: 08/537701

CARRUBBA, FRANCIS P.  
SWILLENS, PETER J.

Docket No.: PHN 14785  
Patent No.: 5629866  
OS Codes : DV1000 CE4000  
Title : AUDIO-VISUAL PRESENTATION SYSTEM.

Attorney: GATHMAN  
Serial No.: 08/407537

ROSENGREN, JURGEN F.  
SAEIJS, RONALD W.  
PERSOON, ERIC H.

Docket No.: PHN 14835  
Patent No.:  
OS Codes : DV1000 VR0100  
Title : ARRANGEMENT FOR DECODING DIGITAL VIDEO SIGNALS.

Attorney: GATHMAN  
Serial No.: 08/422378

ROSENGREN, JURGEN F.  
SAEIJS, RONALD W.  
PERSOON, ERIC H.

Docket No.: PHN 14835A  
Patent No.:  
OS Codes : DV1000 VR0100  
Title : ARRANGEMENT FOR DECODING DIGITAL VIDEO SIGNALS.

Attorney: GATHMAN  
Serial No.: 08/909144

ROSENGREN, JURGEN F.  
SAEIJS, RONALD W.  
PERSOON, ERIC H.

Docket No.: PHN 14835B  
Patent No.:  
OS Codes : DV1000 VR0100  
Title : ARRANGEMENT FOR DECODING DIGITAL VIDEO SIGNALS.

Attorney: GATHMAN  
Serial No.: 08/909144

ROSENGREN, JURGEN F.  
SAEIJS, RONALD W.  
PERSOON, ERIC H.

Docket No.: PHN 14835C  
Patent No.: 6041068  
OS Codes : DV1000 VR0100  
Title : ARRANGEMENT FOR DECODING DIGITAL VIDEO SIGNALS.

Attorney: GATHMAN  
Serial No.: 08/909144

ROSENGREN, JURGEN F.  
SAEIJS, RONALD W.  
PERSOON, ERIC H.

Docket No.: PHN 14835D  
Patent No.:  
OS Codes : DV1000 VR0100  
Title : ARRANGEMENT FOR DECODING DIGITAL VIDEO SIGNALS.

Attorney: GATHMAN  
Serial No.: 09/459631

BLOKS, RUDOLF H.

Docket No.: PHN 14937  
Patent No.: 5633871  
OS Codes : HN1100 DV1000  
Title : SIGNAL PROCESSING SYSTEM.

Attorney: SCHMITT  
Serial No.: 08/496352

HUIZER, CORNELIS M.  
KAARS, PETER B.  
VAN LUIJT, BALTHASAR A.  
BOSVELD, FRANK

Docket No.: PHN 15056  
Patent No.: 5875303  
OS Codes : DV1000  
Title : METHOD AND ARRANGEMENT FOR TRANSMITTING AN AUDIOVISUAL PROGRAM.

Attorney: GATHMAN  
Serial No.: 08/540514

HEUSDENS, RICHARD

Docket No.: PHN 15076  
Patent No.:  
OS Codes : DV1000 MS260A  
Title : SYSTEM AND METHOD FOR TRANSMITTING PICTURE OR

Attorney: GATHMAN  
Serial No.: 08/551592

HEUSDENS, RICHARD

Docket No.: PHN 15076A  
Patent No.: 5812219  
OS Codes : DV1000 MS260A  
Title : SYSTEM AND METHOD FOR TRANSMITTING PICTURE OR

Attorney: GATHMAN  
Serial No.: 08/551592

KEESMAN, GERRIT J.  
ANNEGARN, MARCELLINUS  
VAN OTTERLOO, PETRUS J.

Docket No.: PHN 15110  
Patent No.:  
OS Codes : RO1410 DV1000  
Title : PLAYBACK DEVICE AND METHOD OF PLAYING BACK A BIT STORAGE MEDIUM.

Attorney: GATHMAN  
Serial No.: 08/562660

KEESMAN, GERRIT J.  
ANNEGARN, MARCELLINUS  
VAN OTTERLOO, PETRUS J.

Docket No.: PHN 15110A  
Patent No.:  
OS Codes : RO1410 DV1000  
Title : PLAYBACK DEVICE AND METHOD OF PLAYING BACK A BIT STORAGE MEDIUM.

Attorney: GATHMAN  
Serial No.: 08/858482

KEESMAN, GERRIT J.  
ANNEGARN, MARCELLINUS  
VAN OTTERLOO, PETRUS J.

Docket No.: PHN 15110B  
Patent No.:  
OS Codes : RO1410 DV1000  
Title : PLAYBACK DEVICE AND METHOD OF PLAYING BACK A BIT STORAGE MEDIUM.

Attorney: GATHMAN  
Serial No.: 08/858482



VAN DER MEER, JAN  
SPIERO, RICHARD C.  
WEMEELSFELDER, ARMAND V.  
DE HAAN, WIEBE

Docket No.: PHN 15156  
Patent No.:  
OS Codes : DV1000  
Title : SUBTITLING TRANSMISSION SYSTEM.

Attorney: GATHMAN  
Serial No.: 08/572255

VAN GESTEL, WILHELMUS  
ROZENDAAL, LEENDERT T.

Docket No.: PHN 15173  
Patent No.:  
OS Codes : DV1000 VR0100  
Title : TRANSFORM CODING AND DECODING OF AN EXTENDED SIGNAL.

Attorney: BELK  
Serial No.: 08/588801

VAN GESTEL, WILHELMUS  
ROZENDAAL, LEENDERT T.

Docket No.: PHN 15173A  
Patent No.: 5841479  
OS Codes : DV1000 VR0100  
Title : TRANSFORM CODING AND DECODING OF AN EXTENDED SIGNAL.

Attorney: BELK  
Serial No.: 08/588801

MIELEKAMP, PIETER M.  
SCHULING, FRANKLIN H.

Docket No.: PHN 15202  
Patent No.:  
OS Codes : DV1000 DV0100  
Title : METHOD OF OPERATING AN INTERACTIVE IMAGE DISPLAY  
IMAGE SOURCE DEVICE FOR IMPLEMENTING THE METHOD.

Attorney: GROSS  
Serial No.: 08/553281

MIELEKAMP, PIETER M.  
SCHULING, FRANKLIN H.

Docket No.: PHN 15202A  
Patent No.:  
OS Codes : DV1000 DV0100  
Title : METHOD OF OPERATING AN INTERACTIVE IMAGE DISPLAY  
IMAGE SOURCE DEVICE FOR IMPLEMENTING THE METHOD.

Attorney: GROSS  
Serial No.: 08/553281

BREEUWER, MARCEL  
KLEIN GUNNEWIEK, REINER

Docket No.: PHN 15213  
Patent No.:  
OS Codes : DV1000 MS260A  
Title : DEVICE AND METHOD FOR CODING VIDEO PICTURES.

Attorney: GATHMAN  
Serial No.: 08/604698

BREEUWER, MARCEL  
KLEIN GUNNEWIEK, REINER

Docket No.: PHN 15213A  
Patent No.:  
OS Codes : DV1000 MS260A  
Title : DEVICE AND METHOD FOR CODING VIDEO PICTURES.

Attorney: GATHMAN  
Serial No.: 08/604698

ROSENGREN, JURGEN F.  
SAEIJIS, RONALD W.  
WESTERINK, JOANNE H.  
VAN DER KORST, MICHIEL

Docket No.: PHN 15268  
Patent No.: 5633683  
OS Codes : TV8000 DV1000  
Title : ARRANGEMENT AND METHOD FOR TRANSMITTING AND SIGNALS.

Attorney: GATHMAN  
Serial No.: 08/422379

KEESMAN, GERRIT J.  
COENE, WILLEM M.

Docket No.: PHN 15296  
Patent No.: 5691770  
OS Codes : DV1000  
Title : DEVICE AND METHOD FOR CODING VIDEO PICTURES.

Attorney: GATHMAN  
Serial No.: 08/637254

KEESMAN, GERRIT J.

Docket No.: PHN 15297  
Patent No.: 5768436  
OS Codes : DV1000  
Title : DEVICE AND METHOD FOR CODING VIDEO PICTURES.

Attorney: GATHMAN  
Serial No.: 08/637255

DE LANG, DESIREE

Docket No.: PHN 15369  
Patent No.: 6020912  
OS Codes : DV1000  
Title : VIDEO-ON-DEMAND SYSTEM.

Attorney: GATHMAN  
Serial No.: 08/677232

HUIZER, CORNELIS M.  
KAREL, LUCAS M.  
BOSVELD, FRANK  
DE VISSER, PIETER J.

Docket No.: PHN 15403  
Patent No.:  
OS Codes : DV1000  
Title : METHOD OF TRANSMITTING AND RECEIVING COMPRESSED SIGNALS.

Attorney: GROSS  
Serial No.: 08/683994

BREEUWER, MARCEL  
VAN OTTERLOO, PETRUS J.

Docket No.: PHN 15460  
Patent No.: 5917609  
OS Codes : DV1000 MS260A  
Title : HYBRID WAVEFORM AND MODEL-BASED ENCODING AND IMAGE SIGNALS.

Attorney: GATHMAN  
Serial No.: 08/712982

THEUNIS, HENDRIK G.

Docket No.: PHN 15479  
Patent No.: 5943367  
OS Codes : DV1000 CM1243  
Title : TRANSMISSION SYSTEM USING TIME DEPENDENT FILTER

Attorney: GATHMAN  
Serial No.: 08/715951

BEUKER, ROB A.  
THEUNIS, HENDRIK G.  
HEUSDENS, RICHARD

Docket No.: PHN 15521  
Patent No.:  
OS Codes : DV1000  
Title : METHOD OF ENCODING VIDEO IMAGES.

Attorney: GATHMAN  
Serial No.: 08/860105

KALKER, ANTONIUS A.

Docket No.: PHN 15718  
Patent No.: 5946038  
OS Codes : DV1000  
Title : METHOD AND ARRANGEMENT FOR CODING AND DECODING

Attorney: GATHMAN  
Serial No.: 08/805260

BREEUWER, MARCEL  
KLEIN GUNNEWIEK, R.

Docket No.: PHN 15757  
Patent No.:  
OS Codes : DV1000 MS240A  
Title : METHOD AND ARRANGEMENT FOR ENCODING AND DECODING

Attorney: GATHMAN  
Serial No.: 08/815250

KALKER, ANTONIUS A.  
BEUKER, ROB A.  
THEUNIS, HENDRIK G.

Docket No.: PHN 15889  
Patent No.: 5999655  
OS Codes : DV1000  
Title : TRANSMISSION AND RECEPTION OF ENCODED VIDEO

Attorney: GATHMAN  
Serial No.: 08/891605

HUIZER, CORNELIS M.  
KAREL, LUCAS M.  
BOSVELD, FRANK  
DE VISSER, PIETER J.

Docket No.: PHN 15906  
Patent No.: 5873022  
OS Codes : DV1000  
Title : METHOD OF RECEIVING COMPRESSED VIDEO SIGNALS.

Attorney: GATHMAN  
Serial No.: 08/683993

DE HAAN, GERARD  
LO MUZIO, PIERLUIGI  
SCHUTTEN, ROBBERT J.

Docket No.: PHN 16106  
Patent No.:  
OS Codes : TV4400 DV1000  
Title : MOTION VECTOR PROCESSING.

Attorney: GOODMAN  
Serial No.: 08/863704

DE HAAN, GERARD  
LO MUZIO, PIERLUIGI  
SCHUTTEN, ROBBERT J.

Docket No.: PHN 16106A  
Patent No.:  
OS Codes : TV4400 DV1000  
Title : MOTION VECTOR PROCESSING.

Attorney: GOODMAN  
Serial No.: 08/863704

DE HAAN, GERARD  
LO MUZIO, PIERLUIGI  
SCHUTTEN, ROBBERT J.

Docket No.: PHN 16106B  
Patent No.:  
OS Codes : TV4400 DV1000  
Title : MOTION VECTOR PROCESSING.

Attorney: GOODMAN  
Serial No.: 08/863704

CUIJPERS, MAURICE J.

Docket No.: PHN 16580  
Patent No.:  
OS Codes : DV0100 DV1000  
Title : COMPRESSING AND DECOMPRESSING AN IMAGE.

Attorney: GROSS  
Serial No.: 09/179290

KLEIHORST, RICHARD P.

Docket No.: PHN 16674  
Patent No.:  
OS Codes : DV1000 PF1000  
Title : METHOD AND ARRANGEMENT FOR CREATING A PICTURE.

Attorney: GROSS  
Serial No.: 09/216266

BAGNI, DANIELE  
DE HAAN, GERARD

Docket No.: PHN 16762  
Patent No.:  
OS Codes : DV1000  
Title : MOTION-COMPRESSED PREDICTIVE IMAGE ENCODING AND

Attorney: GROSS  
Serial No.: 09/192674

DE HAAN, GERARD  
BAGNI, DANIELE

Docket No.: PHN 16763  
Patent No.:  
OS Codes : DV1000  
Title : MOTION-COMPENSATED PREDICTIVE IMAGE ENCODING AND

Attorney: GROSS  
Serial No.: 09/190670

KLEIHORST, RICHARD P.  
CABRERA, FABRICE

Docket No.: PHN 16769  
Patent No.:  
OS Codes : DV1000  
Title : METHOD AND ARRANGEMENT FOR VIDEO CODING.

Attorney: GROSS  
Serial No.: 09/246663

KLEIHORST, ROBERT P.

Docket No.: PHN 17011  
Patent No.:  
OS Codes : DV1000  
Title : MOTION VECTOR PROCESSING.

Attorney: GROSS  
Serial No.: 09/352505

SCHAAR-MITREA, MIHAELA

Docket No.: PHN 17290  
Patent No.:  
OS Codes : DV1000  
Title : METHOD AND ARRANGEMENT FOR QUANTIZING DATA.

Attorney: GROSS  
Serial No.: 09/488030

SCHAAR-MITREA, MILAELA

Docket No.: PHN 17294  
Patent No.:  
OS Codes : DV1000  
Title : METHOD AND ARRANGEMENT FOR ENCODING VIDEO IMAGES.

Attorney: GROSS  
Serial No.: 09/488029

KLEIHORST, ROBERT P.  
OP DE BEECK, MARC J.  
VAN DER WERF, ALBERT  
VAN DER AVOIRD, ANDRE

Docket No.: PHN 17456  
Patent No.:  
OS Codes : DV1000 PF1000  
Title : ENCODIGN A VIDEO SIGNAL.

Attorney: GROSS  
Serial No.: 09/572993

HAISMA, NICOLINE  
SINKE, JOHANNES G.  
BERGEVOËT, BAS A.  
VAN GESTEL, HENRICUS A.

Docket No.: PHN 17500  
Patent No.:  
OS Codes : DV1000  
Title : POST-SYNCHRONIZING AN INFORMATION STREAM.

Attorney: GROSS  
Serial No.: 09/599782

MALLART, RAOUL  
SIGNES, JULIEN

Docket No.: PHQ 97006  
Patent No.:  
OS Codes : DV1000  
Title : AUDIOVISUAL DATA DECODING METHOD.

Attorney: GROSS  
Serial No.: 09/254103